

M. S. SEIAA  
24/12

26/12/2019  
Sr. Sec. D  
SEIAA

Proceedings of the 236<sup>th</sup> SEAC Meeting held on 17<sup>th</sup> and 18<sup>th</sup> December 2019

17<sup>th</sup> December 2019

Members present in the meeting:

Shri. N. Naganna	-	Chairman
Dr. B. Chikkappaiah, IFS(R)	-	Member
Dr. N. Krishnamurthy	-	Member
Dr. K. B. Umesh	-	Member
Dr. M. I. Hussain	-	Member
Shri M. Srinivasa	-	Member
Sri G. T. Chandrashekrappa	-	Member
Shri J. G. Kaveriappa	-	Member
Dr. Vinod Kumar C.S.	-	Member
Shri D. Raju	-	Member
Shri. Vyshak V. Anand	-	Member
Shri Md. Saleem I Shaikh	-	Member
Dr. S. Venkatesan IPS	-	Secretary

The Chairman, SEAC, Karnataka welcomed the members of the Committee and others present. All the members present have confirmed that they have received the full set of copies of the project documents which are submitted to the Authority by the project proponent to be appraised in 236<sup>th</sup> SEAC meeting. The following proposals listed in the agenda were appraised in accordance with the provisions of EIA Notification 2006. The MoEF Notification Dated: 1st July 2016, NGT orders Dated: 13-1-2015, 13-9-2018, 11-12-2018 and the O.M Dated: 12-12-2018 pertaining to mining of minerals were brought to the notice and read before the committee and also brought to the notice of the committee that all the mining projects need to be appraised in light of above mentioned NGT orders, Notification and OM issued by MoEF & CC, GoI. The supreme court judgment dated: 5-3-2019 pertaining to buffer zones mandated for construction/industrial projects was brought to the notice and read before the committee. The observation and decision of the Committee are recorded under each of the agenda items.

Confirmation of the proceedings of 235<sup>th</sup> SEAC meeting held on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> December 2019.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 235<sup>th</sup> SEAC meeting held on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> December 2019 and confirmed the same.

**10.15AM-1.30AM**  
**EIA Projects**

**236.1** Limestone & Dolomite Mine Project at Sy.No.75/3 of Muddapur Village, Mudhol Taluk, Bagalkot District (M.L.No.2316 & 2432) (10.83 Ha) by **Sri Shivaji Vasudeva Devagiri (SEIAA 86 MIN 2017)**

**Proponent Name:** Sri. Shivaji Vasudeva Devagiri.

**Environmental Consultants:** M/s Sri Sai Manasa Nature Tech (P) Ltd., Hyderabad, NABET Consultants.

This is an expansion of Muddapur Limestone & Dolomite Mine (M.L No.2316 & 2432) from 15,000 to 40,000 TPA of Limestone and from 5,000 to 60,000 TPA of Dolomite over an area of 10.83 Ha at Sy No.75/3 in Muddapur village, Mudhol Taluka, Bagalkot District. It is a patta land.

The mining plan has been prepared by RQP G. Harendra and approved by Regional Controller of Mines, Indian Bureau of Mines.

The proponent has obtained Environmental clearance from MoEF, New Delhi vide order Dated:26-5-2006 for production of 15,000 TPA Limestone and 5,000 TPA of dolomite respectively by opencast and manual mode involving quarry lease area of 10.83 Ha.

**Total production:** It is proposed for expansion of limestone from 35,000 TPA to 1,50,000 TPA and dolomite from 1,00,000 TPA to 3,00,000 TPA.

The proposal is placed before the committee for appraisal.

The Proponent and Environmental Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee screened the proposal considering the information provided in the statutory application Form-I, Prefeasibility report, TORs proposed and clarification/additional information provided during the meeting.

The committee appraised the proposal as B1 and had decided to recommend the proposal to SEIAA to issue the standard TORs' to conduct EIA studies in accordance with the EIA Notification, 2006 and relevant guidelines. The committee also prescribe the following additional TOR.

Additional TORs

- 1) Compliance to the earlier EC issued.
- 2) Protective measures taken to protect the nearby nala with photos .



- 3) Details of existing green belt species wise with photos and the scheme for strengthening the existing green belt all along the lease boundary with broad leaved native species.
- 4) Details of handling waste generation to be furnished.
- 5) Management of handling top soil to be detailed and furnished.
- 6) Chemical analysis of sub grade material has to be conducted and the same to be quantified.
- 7) Alternative sanitary measures to the septic tank to be proposed and detailed.
- 8) Land profile in the mining area indicating the details of dumps existing and the measures to be taken to stabilise the dumps to be furnished.
- 9) Water holding capacity of the adjacent agricultural land to be studied and submitted.
- 10) To furnish the measures to improve and strengthen the existing fencing with dust proof netting as the proposed expansion is more than five times.
- 11) To furnish the measures to address the concerns raised during public hearing and assurances given along the financial provisions and action plan to implement the commitment.
- 12) As observed, the area of total leases within the 500 meter area is exceeding 25 hectares leading to cluster effect. All studies should be carried out keeping this point in view.
- 13) Present status of the approach road and proposed improvement to the approach roads may be detailed as the proposed expansion involves 5 fold increase.

Accordingly TORs were issued on 22.03.2018. The proponent has submitted the EIA report on 18-10-2019 and the same was placed before the committee for EIA appraisal.

The proponent was invited for the 236<sup>th</sup> meeting held on 17-12-2019 to provide required clarification. The proponent have submitted a letter during the meeting and requested to re-schedule in the next meeting.

Hence the committee decided to defer the proposal.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**236.2** Limestone Mining Project, Sy.Nos.115/1, 116/1 &130/3 of Lokapur Village, Mudhol Taluk, Bagalkot Dist. (4.92 Ha) By **Sri Venkappa R.B. Patil Jalikatti B.K. (SEIAA 484 MIN 2015)**

This is a Renewal and production Expansion proposal submitted by Sri Venkappa R.B. Patil, seeking Environmental clearance for quarrying of Limestone in an area of 4.92 Ha at Sy.Nos.115/1, 116/1 &130/3 of Lokapur Village, Mudhol Taluk, Bagalkot District. It is a Patta Land.

It is stated that the project do not attract General conditions of EIA Notification of 2006.

The Quarry plan has been prepared by RQP Dr.S.K.Myageri approved by Indian Bureau of Mines. Capacity of mining is Avg. 1,00,000 TPA.

The Proponent and the RQP/Environment Consultant attended the 143<sup>rd</sup> meeting of SEAC held on 24<sup>th</sup> to 29<sup>th</sup> July 2015 to give clarification/additional information.

The Committee noted that many proposals have been cleared in this area and if the proposed area is likely to result in to a cluster situation with a total lease area of 25 Ha or more as defined in the O.M dated 24.12.2013 issued by the Ministry of Environment and Forest, Government of India then the proposal has to be appraised category B1. The committee therefore directed the proponent to get the details of all the leases of Lakapur village with the extent of lease area, lease Nos., latitude & longitude and distance between the boundaries (OUTER) of each lease area and be marked on combined sketch plotted on a village map which shall be attested by a competent authority.

The committee observed that the proponent have not submitted the NA. The proponent stated that they have not applied for NA. Therefore the committee directed the proponent to get the NA.

The committee after discussion had decided to recall the proponent after submission of the above information.

The proponent have submitted the reply vide letter dated 09.11.2015.

The proponent was invited for the 153<sup>rd</sup> meeting of SEAC held on 17<sup>th</sup> and 18<sup>th</sup> November 2016 to provide required clarification. The proponent remained absent.

The committee observed that the proponent have not submitted the combined sketch sought by the committee.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, approved mining plan.

The committee opined that the appraisal cannot be completed for want of the above information and since the proponent also remained absent to provide the required clarification.

The committee therefore had decided to recommend the proposal to SEIAA for closure.

The Authority during the meeting held on 17th December 2015 had perused the proposal and took note of the recommendation of SEAC. The Authority had decided to close the file and delist from the pendency.

Subsequently, it was noticed that by oversight representation dated 4.12.2015 submitted by the proponent requesting not to close the file could not be placed before the Authority. The proponent has stated that the delay is due to non-receipt of combined sketch from the Department Mines and Geology.

The subject was therefore placed before the Authority for consideration. The Authority perused the reply submitted by the proponent vide letter dated 4.12.2015.

The Authority after discussion decided to refer the file back to SEAC for appraisal following the due procedure of law.

The committee took note of the decision of the Authority and also reviewed the reply submitted by the proponent vide letter dated 28.03.2016 during the 161<sup>st</sup> meeting of SEAC held on 28<sup>th</sup> and 29<sup>th</sup> March 2016.

The committee noted that as per the Gazette Notification No. S.O. 423 (E) dated 10.02.2015. The central Government declares the list of minerals as minor minerals. The lime stone does not come under minor minerals. The committee therefore had decided to appraise the proposal as B1 category and also decided to invite the proponent to receive the standard TORs and additional site specific TORs if any.

The Proponent attended the meeting of SEAC to present the TORs.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report, and proposed TORs and clarification/additional information provided during the meeting.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Standard TORs along with the following additional TOR's.

1. Compliance to KSPCB CFE conditions.
2. Dust mitigation measures adopted.

Accordingly TORs were issued on 05.07.2016. Further the TORs validity period extended till 04.07.2020 by SEIAA on 24.10.2019. The proponent has submitted the EIA report on 18-10-2019 and the same was placed before the committee for EIA appraisal.

The proponent was invited for the 236<sup>th</sup> meeting held on 17-12-2019 to provide required clarification. The proponent have submitted a letter during the meeting and requested to re-schedule in the next meeting.

Hence the committee decided to defer the proposal.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

### **Deferred EIA Projects**



**236.3** Development of Keni Fishing Harbour at Gabitwada Village, Ankola Taluk, Uttara Kannada District of Deputy Director of Fisheries, Office of the **Deputy Director of Fisheries, Aligadda, Karwar-581301, Uttara Kannada District (SEIAA 18 IND 2015)**

1. Deputy Director of Fisheries, Karwar, Uttarakannada District have applied for Environmental Clearance proposed of Development of existing Keni Fishing Harbor Project. This is a project falling under the category 7(e) of the Schedule of EIA Notification 2006, Under Category – B.
2. **Location:** The proposed fishing harbor (at Keni) is situated at a small village Gabitwada in Ankola Taluk and about 4 Km from Ankola town in Uttara Kannada District of Karnataka and 28 km south of Karwar town and dist headquarter and correspondence to Latitude 14<sup>0</sup> 39<sup>1</sup> N and Longitude 74<sup>0</sup>16<sup>1</sup>E.
3. **Proposed Activity:** The proposed project will be the development of the existing Fishing Harbor. **The proposal involves in the C.R.Z notification, 1991 category not mentioned.**
4. **Existing capacity:** 272 mechanized fishing boats are operating
5. **Proposed capacity:** The fishery harbor is designed a total number of 560 vessels.
6. **Water Management System:**

**Sea Water Distribution System:**

A separate pumping station with sea water distribution system with a capacity 40 KLD is proposed in the fishery harbour unpolluted and bacteria – free seawater would be pumped 2-3 times daily from the shallow to be well and stored in the overhead tank. The usage of seawater in the areas of Fish washing, auction hall cleaning and firebox washing purposes. From these sources wastewater is generated and treated in ETP

**Fresh Water Distribution System:**

A separate pumping station with Fresh water distribution system with an overhead tank of capacity 100 KLD is proposed in the fishery harbour unpolluted and bacteria free fresh water would be pumped 2-3 times daily from the groundwater sumps and stored in the overhead tank. The usage of freshwater during the operation of fishery harbour is not only to manufacture the ice, Industrial and Drinking purposes but also for vessels, fish industries, domestic purposes and ice

making must be potable. W/W generated is treated in ETP. The demand for freshwater for maintaining greeneries and for boat washing would be met from the rainwater harvesting system.

**7. Energy Requirement:** Grid power is available and shall be used for construction activities and fuel for transporting vehicles shall be required.

**8. Municipal Waste:** The estimated waste generation from the fishery will be maximum of 1T/day. Municipal solid waste generated during the construction phase shall be minimum will be properly collected segregated according to waste types and will be subsequently disposed as per MSW rules.

**9. Hazardous waste:** Hazardous wastes like asbestos, HFC, Paint residue, spent catalysts, spent oil from construction equipment, DG set, etc will be properly collected during dismantling and disposed off in accordance to the provisions of the Hazardous Waste Management Rules, 1989.

The waste oil and lubricants generated from the fishery harbour during operational phase would be stores and sent to authorized recycler.

The Proponent and Environment Consultant attended the meeting of SEAC to provide clarification/additional information.

The committee screened the proposal considering the information provided in the statutory application-Form I, pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion decided to appraise the proposal as B1 and decided to issue Standard TOR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines after duly incorporating outcome of the public consultation. The committee also decided to prescribe the following additional TORs.

1. GPS coordinates of the project site
2. Impact due to constructing guide walls on sea erosion
3. Social economic impacts on the nearby villages due to this activity

Accordingly TORs were issued on 10-9-2015. The proponent has submitted the EIA report vide letter dated: 21-12-2018 received on 17-1-2019. The same was placed before the committee for EIA appraisal.

The proponent was invited for the 216<sup>th</sup> meeting held on 14-2-2019 for EIA appraisal. The proponent remained absent. The committee noted that the TORs were issued on 10-9-2015. The EIA studies and report has been submitted in 17-1-2019.

In view of the above the TORs were issued more than three years back but the consultant for the project has furnished a letter during the meeting requesting to consider his project in the forthcoming meeting.

Hence, the committee after discussion/deliberation decided to defer the appraisal.

The proponent was invited for the 220<sup>th</sup> meeting held on 9<sup>th</sup> April 2019 for EIA appraisal.

The committee noted that as far as the specific TOR is concerned the effect on sea erosion due to these constructions, the proponent has stated that CWPRS, Pune conducted the model studies and according to which there is no much sea erosion is envisaged due to this construction.

The consultant who has prepared EIA report was not present during appraisal and the person who appeared on behalf of this consultant was not well versed with the EIA report for which the proponent has stated that he will come up during next meeting with the consultant who is well versed with the EIA report. In view of the above facts, the committee after discussion decided to defer the subject and give one more opportunity to the proponent.

The proponent was invited for the 233<sup>rd</sup> meeting held on 30<sup>th</sup> October 2019 for EIA appraisal.

The proponent and Environment consultant attended the 233<sup>rd</sup> meeting held on 30-10-2019 to provide clarification/additional information.

During appraisal it has come to the notice of SEAC that the EIA report has not been circulated for the members of SEAC. For which the proponent and consultant present requested to list the subject in the next meeting and by that time they will make all arrangements to circulate the EIA report to all the concerned well ahead of meeting date. In view of the above facts, the committee after discussion decided to defer the subject and give one more opportunity to the proponent.

The proponent was invited for the 236<sup>th</sup> meeting held on 17<sup>th</sup> December 2019 for appraisal.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information.

As seen from the records the project has not been cleared by CRZ for which the proponent has stated that he will obtain CRZ clearance by CRZ authorities. The TORS for this project were issued on 10-09-2015 and application for EIA appraisal was made out on 07-09-2018 i.e within the 3years from the date of issue of TORs.





The committee after discussion decided to reconsider after submission of the following information.

- 1) Submit biodiversity action plan to conserve and develop mangroves found within the 10KM study area in consultation with forest Dept along with budget backup.
- 2) The details of Salinity ingress and its effect on the soil may be studied and submitted.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**TOR Projects**

**236.4** Proposed Asundi Sand Mining Block Project in Block No.BLY-OSB-15 at Sy.No.458(P) of Asundi Village, Bellary Taluk & District (32-00 Acres) by **Sri T.V. Prasad (SEIAA 794 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Sri. T. V. Prasad S/o. T. Venkataiah, # 234, 16th Ward, Near Guest House, Vishwanathapuram Colony, Bellary Taluk, Bellary District, Karnataka-583101																		
2	Name & Location of the Project	"Asundi Sand Mining Block" Block No. – Bly-Osb-15 of Sri. T. V. Prasadat Sy No: 458(P), Asundi Village, Bellary Taluk, Bellary District, Karnataka.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Sl.No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N 15° 16' 04.6"</td> <td>E 77° 02' 50.9"</td> </tr> <tr> <td>2</td> <td>N 15° 16' 42.3"</td> <td>E 77° 02' 49.7"</td> </tr> <tr> <td>3</td> <td>N 15° 16' 42.4"</td> <td>E 77° 02' 53.8"</td> </tr> <tr> <td>4</td> <td>N 15° 16' 04.6</td> <td>E 77° 02' 54.3"</td> </tr> <tr> <td colspan="3" style="text-align: center;">WGS - 84 DATUM</td> </tr> </tbody> </table>	Sl.No	Latitude	Longitude	1	N 15° 16' 04.6"	E 77° 02' 50.9"	2	N 15° 16' 42.3"	E 77° 02' 49.7"	3	N 15° 16' 42.4"	E 77° 02' 53.8"	4	N 15° 16' 04.6	E 77° 02' 54.3"	WGS - 84 DATUM		
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4	Type of Mineral	<b>Ordinary Sand Block</b>																		
5	New / Expansion / Modification / Renewal	New																		

6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	12.95Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	So, 1,33,808.91 Tonnes/Annum is the sediment yield per annum for the proposed sand block. Our maximum Production Capacity is 90,000 TPA which is less than sediment yield per annum.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a river Sand Mining Block
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	90,000Tons/annum
14	Quantity of Topsoil/Over burden in Tons	It's a Ordinary Sand Mining Block
15	Mineral Waste Handled (Metric Tons/ CUM)	1,836.7Tons/annum
16	Project Cost (Rs. In Crores)	1.60crores
17	Environmental Sensitivity	
	a. Nearest Forest	No Forest within 5 Kms
	b. Nearest Human Habitation	Asundi - 1.50 Kms(W)
	c. Educational Institutes, Hospital	Bellary - 15.11 kms (NE)
	d. Water Bodies	The site is in Hagari River Bed
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Hectares	
	a. Area for Mining/ Quarrying	12.86
	b. Waste Dumping Area	0.05
	c. Top Soil Storage Area	
	d. Mineral Storage Area	--



	e.	Infrastructure Area		
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	--	
	h.	Unexplored area	0.04	
	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21		Rate of Replenishment in case river sand project	NA	
22		Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.7 KLD
			Domestic	1.3 KLD
			Other	0.80 KLD
			Total	3.8 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

The proponent was invited for the 236<sup>th</sup> meeting held on 17<sup>th</sup> December 2019 for appraisal.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The Committee after discussion decided to appraise the proposal as B1 and decided to issue Standard TOR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional TORs.

1. The details of dumping area and approach road may be submitted along with the MOU with land owners if private lands are involved.
2. Strengthening of river banks may be detailed and submitted
3. Handling of waste including its composition may be detailed and submitted.
4. Mitigation measures to offset the effect of mining on adjacent cultivable land.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.5** Proposed Sand Mining Block Project in Hagari River Bed - Block No.BLY-OSB-14 at Sy.Nos.167(P), 265(P), 260(P), 190(P) of Banapura, Benakallu, Sindavalam &

**Vanenuru Villages, Bellary Taluk & District (10.12 Ha)(25-00 Acres) By Sri Ashok.R.K (SEIAA 796 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Sri Ashok. R. K P B Road, Near S. B. I. Bank, Kumarapattanam, Ranebennuru Taluk, Haveri District – 581123.																		
2	Name & Location of the Project	“Sand Mining Block” Block No. – Bly-Osb-14 of Sri Ashok. R. K Sy No: 167 (P), 265 (P), 260 (P),190 (P) Banapura, Benakallu, Sindavalam & Vanenuru Village,Bellary Taluk, Bellary District,Karnataka.																		
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4	Type of Mineral	<b>Sand Mining Block</b>																		
5	New / Expansion / Modification / Renewal	New																		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land																		
7	Whether the project site fall within ESZ/ESA	No																		
8	Area in Ha	10.12Ha																		
9	Actual Depth of sand in the lease area in case of River sand	NA																		
10	Depth of Sand proposed to be removed	NA																		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining	So, 1,69,311 Tonnes/Annum is the sediment yield per annum for the proposed sand block. Our maximum Production Capacity is 45,817 TPA which																		



	guideline 2016	is less than sediment yield per annum		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a River Sand Quarry		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	45,817Tons/annum		
14	Quantity of Topsoil/Over burden in Tons	It's a Ordinary Sand Mining Block		
15	Mineral Waste Handled (Metric Tons/ CUM)	935.24Tons/annum		
16	Project Cost (Rs. In Crores)	1.47crores		
17	Environmental Sensitivity			
	a.	Nearest Forest	Meka Reserved Forest – 1.70 Kms (S)	
	b.	Nearest Human Habitation	Benakallu - 1.00 Kms(SE)	
	c.	Educational Institutes, Hospital	Bellary - 20.05 kms (SW)	
	d.	Water Bodies	The site is in Hagari River Bed	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	10.03	
	b.	Waste Dumping Area	0.05	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	--	
	h.	Unexplored area	0.04	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.6 KLD
			Domestic	1.0 KLD
			Other	0.80 KLD



		Total	3.5 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

The proponent was invited for the 236<sup>th</sup> meeting held on 17<sup>th</sup> December 2019 for appraisal.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The Committee after discussion decided to appraise the proposal as B1 and decided to issue Standard TOR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional TORs.

1. The details of dumping area and approach road may be submitted along with the MOU with land owners if private lands are involved.
2. Strengthening of river banks may be detailed and submitted
3. Handling of waste including its composition may be detailed and submitted.
4. Mitigation measures to offset the effect of mining on adjacent cultivable land.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.6 Proposed Karichedu Sand Mining Block Project in Block No.Bly-Osb-13 at Sy.No.191 of Karichedu Village, Bellary Taluk & District (25-00 Acres) By M/s Maruthi infrastructure and Developers (SEIAA 798 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri M Ramakrishna Rao Managing Partner M/s. Maruthi Infrastructure & Developers, Plot No. 311 Raga Anandam Apartment, Near Church, Vidya Nagar, Cantonment, Bellary.
2	Name & Location of the Project	"Sand Quarry" at Karichedu Sand Mining Block – Bly-Osb-13" of M/s. Maruthi Infrastructure & Developers Sy No: 191, Karichedu Village, Bellary Taluk, Bellary District, Karnataka.

3	Co-ordinates of the Project Site	<b>SL.No</b>	<b>Latitude</b>	<b>Longitude</b>
		1	N 15°19' 33.9"	E 77°03' 39.2"
		2	N 15°19' 32.7"	E 77°03' 42.6"
		3	N 15°19' 27.6"	E 77°03' 41.7"
		4	N 15°19' 27.5"	E 77°03' 43.2"
		5	N 15°19' 24.8"	E 77°03' 42.1"
		6	N 15°19' 23.2"	E 77°03' 45.0"
		7	N 15°19' 25.3"	E 77°03' 45.9"
		8	N 15°19' 27.3"	E 77°03' 45.9"
		9	N 15°19' 32.6"	E 77°03' 42.9"
		10	N 15°19' 30.5"	E 77°03' 48.6"
		11	N 15°19' 20.8"	E 77°03' 47.2"
		12	N 15°19' 21.2"	E 77°03' 46.3"
		13	N 15°19' 17.7"	E 77°03' 45.6"
		14	N 15°19' 20.7"	E 77°03' 42.9"
		15	N 15°19' 20.9"	E 77°03' 38.2"
		16	N 15°19' 17.3"	E 77°03' 37.4"
		17	N 15°19' 17.8"	E 77°03' 35.4"
WGS – 84 DATUM				
4	Type of Mineral	<b>Karichedu Sand Mining Block</b>		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	10.12Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Rate of replenishment in case of river sand mining as specified in	So, 1,13, 178 Tonnes/Annum is the sediment yield per annum for the proposed sand block.		



	the sustainable sand mining guideline 2016	Our maximum Production Capacity is 99,000 TPA which is less than sediment yield per annum.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a River sand
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	99,000Tons/annum
14	Quantity of Topsoil/Over burden in Tons	No generation of top soil , However if any small quantity generated it will be stocked & used for afforestation purposes
15	Mineral Waste Handled (Metric Tons/ CUM)	2,020.4 Tons/annum
16	Project Cost (Rs. In Crores)	1.47crores
17	Environmental Sensitivity	
	a. Nearest Forest	None within 10Kms
	b. Nearest Human Habitation	Karichedu - 0.90 Kms(SW)
	c. Educational Institutes, Hospital	Bellary - 21.70 kms (SW)
	d. Water Bodies	The site is in Vedavathi River Bed
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Hectares	
	a. Area for Mining/ Quarrying	8.89
	b. Waste Dumping Area	0.05
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	--
	e. Infrastructure Area	
	f. Road Area	--
	g. Green Belt Area/Buffer Zone	1.14
	h. Unexplored area	--
	i. Others Specify (Screening area)	0.04
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying
21	Rate of Replenishment in case River sand project	NA
22	Water Requirement	
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water
	b. Total Requirement of Water	Dust Suppression   2.6 KLD



	in KLD	Domestic	1.0 KLD
		Other	0.80 KLD
		Total	3.5 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

The proponent was invited for the 236<sup>th</sup> meeting held on 17<sup>th</sup> December 2019 for appraisal.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The Committee after discussion decided to appraise the proposal as B1 and decided to issue Standard TOR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional TORs.

1. The details of dumping area and approach road may be submitted along with the MOU with land owners if private lands are involved.
2. Strengthening of river banks may be detailed and submitted
3. Handling of waste including its composition may be detailed and submitted.
4. Mitigation measures to offset the effect of mining on adjacent cultivable land.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.7** Proposed Modification and Expansion of Tech Park Building Project at Sy.Nos.96, 97, 98/2, 103, 104/1, 104/2, 105, 106 of Bhoganahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru Urban District By **M/s. Akarshak Infrastructure Pvt. Ltd. (SEIAA 157 CON 2019)**

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	<b>M/s. Akarshak Infrastructure Private Limited</b> No. 10, VittalMallya Road, Bengaluru – 560 001.
2	Name & Location of the Project	<b>Modification and Expansion of Tech Park Building</b> At Sy. Nos. 96, 97, 98/2, 103, 104/1, 104/2, 105, 106, Bhoganahalli Village Varthur Hobli,

		Bengaluru East Taluk, Bengaluru.
3	Co-ordinates of the Project Site	Latitude: 12°55'16.70" N Longitude: 77°41'12.44" E
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) ➤ As per the village map there is a nala in the western side of the project site for which a buffer of 25m has been provided. Also, there is a lake in the northern side of the project site for which a buffer of 30m has been provided as per the BDA RMP 2015.
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable. ➤ As per the village map there is a nala in the western side of the project site for which a buffer of 25m has been provided. Also, there is a lake in the northern side of the project site for which a buffer of 30m has been provided as per the BDA RMP 2015.
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other IT Office Development
	b.	Residential Township/ Area Development Projects Area Development project
6	Plot Area (Sqm)	63,638.89 Sqmt (15 Acres 29 Guntas)
7	Built Up area (Sqm)	4, 19,972.86 Sqmt
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3B+G+11UF (4 towers interconnected)
9	Number of units in case of Construction Projects	NA
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	Rs. 1,300Crores
12	Recreational Area in case of Residential Projects / Townships	No
13	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 27,867.57 Sqmt
	b.	Kharab Land No
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 12,828.75 Sqmt

	2006	
d.	Internal Roads	--
e.	Paved area	Landscape area on podium:4,555.38 Sqmt Paved driveway and landscape area: 10,468.20 Sqmt
f.	Others Specify	Service area: 739.50 Sqmt Central Avenue Area/Common Access area in UDI: 7,179.49Sqmt
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Included in the landscape area
h.	Total	63,638.89 Sqmt
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	420 m <sup>3</sup>
b.	Total quantity of Excavated earth (in cubic meter)	2, 26,500 m <sup>3</sup>
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	2, 26,500 m <sup>3</sup>
d.	Excess excavated earth (in cubic meter)	Nil
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA
15	WATER	
I.	Construction Phase	
a.	Source of water	Water for construction will be sourced from labor camp mobile STP treated water and for domestic purpose the water will be sourced from external authorized tanker water suppliers.
b.	Quantity of water for Construction in KLD	57 KLD
c.	Quantity of water for Domestic Purpose in KLD	64KLD
d.	Waste water generation in KLD	60 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Sewage generated from construction site and labor colony (12 + 48 KLD) of 60 KLD will be treated in

		mobile Sewage Treatment Plant of 65 KLD capacity; treated sewage will be re-used for Construction purpose.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 1068 KLD
		Recycled 602 KLD
		Total 1670 KLD
b.	Source of water	BWSSB
c.	Waste water generation in KLD	1,586 KLD
d.	STP capacity	
e.	Technology employed for Treatment	Sequencing Batch ReactOR Technology
f.	Scheme of disposal of excess treated water if any	For Flushing – 602 KLD For Landscaping – 121 KLD HVAC – 783KLD
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to sTORe Roof run off	1200 Cum
	b.	No's of Ground water recharge pits
17	Storm water management plan	Yes
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	256 kg/day. Solid waste generated will be collected manually and handed over to authorized recyclers.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	2.6 MT/day. Biodegradable wastes will be segregated at the source and will be processed in proposed organic waste converter.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	3.9 MT/day. Non-biodegradable Wastes will be given to the waste recyclers.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 15 l/hr. Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.

d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.	
19	POWER		
a.	Total Power Requirement - Operational Phase	21,411 kW	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2000 kVA X 14 Nos., & 1250 kVA X 2 Nos.	
c.	Details of Fuel used for DG Set	Diesel is used as fuel for DG and the diesel consumption is 6,390 l/hr	
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> <li>➤ Solar lightings</li> <li>➤ Cu. Wound Transformer</li> <li>➤ LED</li> <li>➤ Water cooled chillers</li> </ul> Energy Savings: 22%	
20	PARKING		
a.	Parking Requirement as per norms	<b>Required</b>	<b>Provided</b>
		3,886 Nos.	4,197 Nos.
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic study will be carried during EIA study.	
c.	Internal Road width (RoW)	8.0m	

The proponent was invited for the 236<sup>th</sup> meeting held on 17<sup>th</sup> December 2019 for appraisal.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report and clarification/additional information provided during the meeting.

The proponent has stated that this expansion proposal is for utilizing the savings in buffer area which was 75meters from the lake and now it is 30meters as per the recent Supreme court order.

The proponent has requested the committee to permit him to utilize the data collected earlier for EIA purpose when the first EC was issued in June-2019 which is

well within 3 years validity and also stated that he will collect one month baseline data and submit the trend analysis by comparing this data with earlier data.

The Committee after discussion had decided to appraise the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard TORs to conduct the EIA studies in accordance with EIA Notification 2006. The committee also prescribed the following additional TORs.

- 1) Details of the Kharab land and its position on the village survey map may be detailed and submitted.
- 2) Ground water potential in the study area may be studied and submitted.
- 3) Scheme for waste to energy plant to process the organic waste generated from the entire project.
- 4) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 5) Utilization of the entire terrace for solar power generation as well as solar thermal for HVAC may be worked out and submitted.
- 6) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 7) Rain water harvesting/storage details may be worked out.
- 8) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 9) The applicability of the recent Hon'ble Supreme court order on buffer zone for water bodies and nalas may be studied and submitted.
- 10) Possibility of going for CNG/PNG gensets may be studied and submitted
- 11) Detail the statutory notifications based on which the expansion is proposed may be submitted.
- 12) Propose not less than 33% of area to accommodate ( 1tree per 80Sqm in the project area of 15.29 acres) minimum of 50trees per acre.
- 13) Propose suitable tree species to take up plantation in the buffer zone.
- 14) Change in the land use between revised CDP of 2015 and draft CDP 2031 and its effect on this project may be detailed and submitted.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**2.15PM-6.00PM**

- 236.8** Proposed Expansion of Honda Motorcycle and Scooter Manufacturing Project at Plot Nos.109-142, 143(P)-149(P), 150, 151, 152P, 158P, 160, 161, 162P to 166P, 167-172 & 175 of KIADB, Narsapura Industrial Area, Karinayakanahalli Village, Kasaba Hobli, Malur Taluk, Kolar District By **M/s. Honda Motorcycle and Scooter India Pvt. Ltd. (SEIAA 159 CON 2019)**



Sl. No.	Particulars	Information
1.	Name of the project	M/s Honda Motorcycle and Scooter Pvt Ltd
2.	Location of the project	At Plot No. 109-142,143(P)-149(P),150,151,152P,158P,159(P)160,161,162Pto 166P of Karinayakanahalli village, KIADB Industrial area, Narsapura, Malur Taluk, Kolar District .
3.	Land use as per CDP	KIADB allotted land
4.	Name & Address of the project proponent	M/s Honda Motorcycle and Scooters Pvt Ltd At Plot No. 109-142,143(P)-149(P),150,151,152P,158P,159(P)160,161,162Pto 166P of Karinayakanahalli village, KIADB Industrial area, Narsapura, Malur Taluk, Kolar District .
5.	New/ Expansion/Modification	Expansion
6.	Site Area in Sqmts	481757.01
7.	Total Built up area in Sqmt	291215.2
8.	Configuration of the Building (No. of blocks, floors, No. of units)	Ware House G+4 Hangar GF
9.	Land use details (Ground coverage area, park & open space etc.)	Plot area 481757.01 Sqmts Ground coverage permitted 50.00% Ground coverage Achieved 45.32% Landscaped area123751.00sqmts Paved area for driveways119562.01 sqmts
10.	Source of water & NOC from the competent authority	Water supply assured by KIADB
11.	Water requirement in KLD	1472 KLD
12.	Wastewater generation in KLD	1177.6
13.	STP capacity in KLD & technology	STP-1 400KLD STP-2 200KLD ETP-1 340KLD ETP-2 150KLD
14.	Rain water harvesting implementation, Recharge pits, Storage capacity	100% of our domestic water Needs are catered by two tanks of capacity 20,000kl and 33,0000 kl closed water sumps and also we have a 25,000kl open water tank to facilitate ground water recharge .the entire roof top water is collected treated and caters our requirements
15.	Energy savings	Yes work sheet will be presented
16.	Parking facility provided	197 lorry parks
17.	Traffic : nearest road – LOS –	Existing A Category



The proponent was invited for the 236<sup>th</sup> meeting held on 17<sup>th</sup> December 2019 for appraisal.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard TORs to conduct the EIA studies in accordance with EIA Notification 2006. The committee also prescribed the following additional TORs.

- 1) Details of the Kharab land and its position on the village survey map may be detailed and submitted.
- 2) Ground water potential in the study area may be studied and submitted.
- 3) Scheme for waste to energy plant to process the organic waste generated from the entire project.
- 4) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 5) Utilization of the entire terrace for solar power generation as well as solar thermal for HVAC may be worked out and submitted.
- 6) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 7) Rain water harvesting/storage details may be worked out.
- 8) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 9) To submit the scheme for development of greenery with the number and kind of tree species as per the norms.
- 10) The applicability of the recent Hon'ble Supreme court order on buffer zone for water bodies and nalas may be studied and submitted.
- 11) Possibility of going for CNG/PNG gensets may be studied and submitted
- 12) How the expansion has been envisaged may be explained with reference to earlier concept plan.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

### **Fresh Subjects**

- 236.9** Proposed Residential Apartment Building Project at Sy.Nos.132/1, 132/2, 132/3 & 132/5 of Kithaganur Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru Urban District by **Sri M. Chandra Shekar(SEIAA 154 CON 2019)**



Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. M. Chandra Shekar S/o Late Sri. M. Muniyappa, No. 310, Kaggadasapura, C.V Raman Nagar, Bengaluru - 560093
2	Name & Location of the Project	Proposed Residential Apartment Building project by Sri. M. Chandra Shekar at Sy.No.132/1, 132/2, 132/3 & 132/5 of Kithaganur village, Bidrahalli Hobli, Bangalore East Taluk, Bangalore.
3	Co-ordinates of the Project Site	Longitude: 77.697394°E  Latitude: 13.039782° N
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.)
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other
	b.	Residential Township/ Area Development Projects
6	Plot Area (Sqm)	24989.13 Sq.m.
7	Built Up area (Sqm)	62,050.27 Sq.m.
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	1 Building having 5 Blocks Ground Floor + 4 Upper Floors + Terrace Floor
9	Number of units in case of Construction Projects	-
10	Number of Plots in case of Residential Township/ Area Development Projects	492



11	Project Cost (Rs. In Crores)	124.00
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 12,480.43 sq.m (49.95%)
	b.	Kharab land NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 Landscape area: 8,855.28 sq.m (35.43%)
	d.	Internal Roads 3,653.42 sq.m (14.62%)
	e.	Paved area -
	f.	Others Specify -
	g.	Parks and Open space in case of Residential Township/ Area Development Projects NA
	h.	Total 24,989.13sqm
14	Details of demolition debris and / or Excavated earth	
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable No demolition is involved.
	b.	Total quantity of Excavated earth (in cubic meter) 1,86,582.43
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter) 1,86,582.43
	d.	Excess excavated earth (in cubic meter) Nil
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal No disposal
15	WATER	
	I.	Construction Phase
	a.	Source of water From Nearby treated water suppliers
	b.	Quantity of water for Construction in KLD 50 KLD
	c.	Quantity of water for Domestic Purpose in KLD 10 KLD

	d.	Waste water generation in KLD	8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the Mobile STP	
	II. Operational Phase			
	a.	Total Requirement of Water in KLD	Fresh	105.56
			Recycled	181.31+126.91= 308.22
			Total	380
	b.	Source of water	Gram Panchyath	
	c.	Waste water generation in KLD	326.01 KLD	
	d.	STP capacity	380KLD	
	e.	Technology employed for Treatment	SBR Technology	
	f.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultra filtration and reverse osmosis	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to sTORe Roof run off	79.67 cu.m.	
	b.	No's of Ground water recharge pits	8 Nos.	
17	Storm water management plan		The Storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water	
18	WASTE MANAGEMENT			
	I. Construction Phase			
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.	
	II. Operational Phase			
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	590.40 kg/day. Biodegradable waste will be converted in organic convertor.	
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	393.60kg/day. Non- Biodegradable waste will be handed over to authorized recyclers	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil	

	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	E-waste generation will be very less
19	POWER		
	a.	Total Power Requirement - Operational Phase	2,214 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 2,250 KVA
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<p>Energy saved by using Solar water Heater : 25,000 kWh/ Year.....(a)</p> <ul style="list-style-type: none"> <li>• Solar Power Generation :</li> <li>• In non-monsoon season 100kWh x 30 x 8 Months = 24,000kWh</li> <li>• In monsoon season 50kWh x 30 x 4 Months = 6,000 kWh</li> <li>• Total SPV Power Generation in a year = 0.30 L kWh / Annum.....(b)</li> <li>• Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.25 + 0.30 L kWh = 0.55 L / Annum .....(c)</li> <li>• Total energy savings = 24.4%</li> </ul>
20	PARKING		
	a.	Parking Requirement as per norms	<p>One car spacing for 1 unit as the floor area is &gt;50 sq.m. = +10% visitors</p> <p>Parking required is 492+23cars</p> <p>Total car Parking required as per NBC= 515</p> <p>Parking Provided is 515Ecs which is as Per NBC and MoEF Norms</p>
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS – B
	c.	Internal Road width (RoW)	9.30 m

The proponent was invited for the 236<sup>th</sup> meeting held on 17<sup>th</sup> December 2019 for appraisal.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report and clarification/additional information provided during the meeting.

As seen from the village survey map there are no water bodies which attracts buffer zone as per the norms.

As per the concept plan a CDP road and high tension line along the CDP road cut across the project site dividing the project into two blocks for which the proponent has stated that he will put up elevated skywalk to connect the two portions of the project site.

As far as CER is concerned the proponent has stated that he will earmark Rs 2.5 crores to University of Agricultural Science (UAS) Bangalore to increase the greenery in the campus and other infrastructure facilities.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Only registered labours should be employed.
4. For drinking purpose instead of RO water ozonised water shall be used.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.10** Proposed Ayurvedic, Homeopathic, Pharma College and Hospital Project at Sy.No.31/2P, 31/4, 31/5B(P4), 31/5A, 31/5B(P1), 31/5B(P3), 32/1P2, 31/5B(P2), 32/4, 32/6, 30/5A, 30/5B, 29/3AP2, 29/3B, 29/4, 29/5P1, 29/5A, 29/5P, 29/8BP2, 29/6B, 29/6A, 29/2BP, 28/3P4, 31/2P2, 91/2B, 134/1P2, 134/1P1, 134/2, 134/3A, 134/3B, 134/3C, 133/2, 132/9, 132/5, 135/5, 135/3, 135/7, 135/4, 135/6, 136/2, 136/3, 136/4, 138/2, 138/4, 145/13, 145, 4/145(24)(30), 145/18, 145/19, 145/8, 148/3, 148/5A, 148/5B, 148/6 of Naringana Village, Buntwal Taluk, Dakshina Kannada District by **M/s. JRC Projects (SEIAA 155 CON 2019)**

The proponent was invited for the 236<sup>th</sup> meeting held on 17-12-2019 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**236.11** Proposed Residential Apartment Building Project at Sy.Nos.132/1, 132/2, 132/3 & 132/5 of Kithaganur Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru Urban District By **M/s. SBR Habitat LLP (SEIAA 156 CON 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri T. Venugopal, Partner, M/s. SBR Habiiat LLP., Sy No. 24/5, Kadugodi – Hosakote Main Road, Seegehalli Village, Bangalore – 560067
2	Name & Location of the Project	Proposed Residential Apartment project “SBR KEERTHIPRIME” at Sy.No.48, of Huskur village, Bidrahalli Hobli, Bangalore East Taluk, Bangalore.
3	Co-ordinates of the Project Site	Longitude: 77°45'51.22"E Latitude: 13° 31'15.08"N
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Hoskote Lake - 0.45 Km (NE) There are no lakes within 75m buffer.
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	There are no lakes within 75m buffer.
5	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment project
b.	Residential Township/ Area Development Projects	No
6	Plot Area (Sqm)	8093.64 Sq.m.
7	Gross Built Up area (Sqm)	29,177.657 sq.m.
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential Apartment project comprising of 1 Building having 1 Basement + Stilt Level + 9 Upper Floors + Terrace Floor with total of 171 units. The total site area is 8093.64 sq.m. The Gross BUA is 29,177.657 sq.m.
9	Number of units in case of Construction Projects	NA
10	Number of Plots in case of	-



	Residential Township/ Area Development Projects	
11	Project Cost (Rs. In Crores)	54.00
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	4,140.70 sq.m (51.16%)
b.	Kharab land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	Landscape area: 2,670.90 sq.m (33.00%)
d.	Internal Roads	1,282.04 sq.m (15.84%)
e.	Paved area	-
f.	Others Specify	-
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	8093.64sqm
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	No demolition is involved.
b.	Total quantity of Excavated earth (in cubic meter)	17,4747.98
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	17,4747.98
d.	Excess excavated earth (in cubic meter)	Nil
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	No disposal
15	WATER	
I.	Construction Phase	
a.	Source of water	From Nearby treated water suppliers
b.	Quantity of water for Construction in KLD	50 KLD



c.	Quantity of water for Domestic Purpose in KLD	10 KLD
d.	Waste water generation in KLD	8 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the Mobile STP
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 34.84
		Recycled 45.95+65.65= 100.49
		Total 135
b.	Source of water	Gram Panchayath
c.	Waste water generation in KLD	113.30 KLD
d.	STP capacity	135 KLD
e.	Technology employed for Treatment	SBR Technology
f.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to STORE Roof run off	24 cu.m.
	No's of Ground water recharge pits	8 Nos.
17	Storm water management plan	The Storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.4 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	205.00 kg/day. Biodegradable waste will be converted in organic convertOR.
b.	Quantity of Non- Biodegradable waste generation and mode of	136.80kg/day. Non- Biodegradable waste will be handed over to authorized recyclers



	Disposal as per norms	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	E-waste generation will be very less
19	POWER	
a.	Total Power Requirement - Operational Phase	770 kVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 800 kVA.
c.	Details of Fuel used for DG Set	HSD
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<p>Energy saved by using Solar water Heater : 25,000 kWh/ Year.....(a)</p> <ul style="list-style-type: none"> <li>• Solar Power Generation :</li> <li>• In non-monsoon season 100kWh x 30 x 8 Months = 24,000kWh</li> <li>• In monsoon season 50kWh x 30 x 4 Months = 6,000 kWh</li> <li>• Total SPV Power Generation in a year = 0.30 L kWh / Annum.....(b)</li> <li>• Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.25 + 0.30 L kWh = 0.55 L / Annum .....(c)</li> <li>• Total energy savings = 24.40%</li> </ul>
20	PARKING	
a.	Parking Requirement as per norms	<p>One car spacing for 1 unit as the floor area is &gt;50 sq.m. = +10% visitors  Parking required is 171+17 cars  Total car Parking required as per NBC= 188  Parking Provided is 196 Ecs which is as Per NBC and MoEF Norms</p>
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS – B
c.	Internal Road width (RoW)	6 m

The proponent was invited for the 236<sup>th</sup> meeting held on 17<sup>th</sup> December 2019 for appraisal.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the

proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report and clarification/additional information provided during the meeting.

As seen from the village survey map there are no water bodies which attracts buffer zone as per the norms.

As far as CER is concerned the proponent has stated that he will earmark Rs 1.1crores to UAS Bangalore to increase the greenery in the campus and other infrastructure facilities.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Only registered labours should be employed.
4. For drinking purpose instead of RO water ozonised water shall be used.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.12** Proposed Commercial Building Project comprising of BF+GF+9UF at Plot No.10, Hardware Park KIADB Industrial Area, Sy.No.198 of Mahadeva Kodigehalli Jala Hobli, Bangalore North Taluk-Yalahanka Taluk, Bengaluru Urban District by **M/s. Primrose Hospitality Pvt. Ltd. (SEIAA 158 CON 2019)**

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Primrose Hospitality Private limited, No. 17/1, Campbell Road, Bangalore – 560047
2	Name & Location of the Project	Development of Commercial Building project Plot No. 10, Hardware Park KIADB Industrial Area, Sy No. 198, Mahadeva Kodigehalli, Jala Hobli, Bangalore North - Yalahanka taluk, Bangalore
3	Co-ordinates of the Project Site	12°50' 43.66"N 77°39'29.28"E
4	Environmental Sensitivity	
	a. Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Mahadevakodigehalli lake is at a distance of 3.0 km towards South west of the project site
	b. Type of water body at the	NA

		vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	
5		Type of Development	Commercial Building
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial Building
	b.	Residential Township/ Area Development Projects	NA
6		Plot Area (Sqm)	18,212.00 sqm
7		Built Up area (Sqm)	86,565.28 sqm
8		Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	B+G+9 UF No wells to be drilled
9		Number of units in case of Construction Projects	NA
10		Number of Plots in case of Residential Township/ Area Development Projects	NA
11		Project Cost (Rs. In Crores)	75
12		Recreational Area in case of Residential Projects / Townships	NA
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	9,663.03 Sqm (53.06 %).
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,360.53 sqm (12.96%).
	d.	Internal Roads	5,102.98 sqmt (28.01%),
	e.	Paved area	
	f.	Others Specify	Open space area is about 260.46 Sqmt (1.44%) Surface Parking area is about 825 Sqmt (4.53%),
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	

14	Details of demolition debris and / or Excavated earth		
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	NA	
b.	Total quantity of Excavated earth (in cubic meter)	12,000	
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling =5,500 For Landscape=3,700 For Internal Road making =2,800	
d.	Excess excavated earth (in cubic meter)	NA	
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA	
15	WATER		
I.	Construction Phase		
a.	Source of water	Treated Grey Water from BWSSB STP treated water	
b.	Quantity of water for Construction in KLD	50 KLD	
c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
d.	Waste water generation in KLD	4 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	145
		Recycled	120
		Total	265
b.	Source of water	KIADB	
c.	Waste water generation in KLD	252	
d.	STP capacity	260	
e.	Technology employed for Treatment	SBR	
f.	Scheme of disposal of excess treated water if any	Excess 112 KLD STP treated water will be used for HVAC	
16	Infrastructure for Rain water harvesting		

	a.	Capacity of sump tank to sTORe Roof run off	200
	b.	No's of Ground water recharge pits	20
17		Storm water management plan	Enclosed in EMP
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	456 kg/day converted in to organic manure and used for garden
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	684 Kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	150-300 Lts/one B check given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	650 Kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	4000 KW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2000 KVA X 3 nos
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	21% we are achieved
20		PARKING	
	a.	Parking Requirement as per norms	1274
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed
	c.	Internal Road width (RoW)	8.0 mts

The proponent was invited for the 236<sup>th</sup> meeting held on 17<sup>th</sup> December 2019 for appraisal.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report and clarification/additional information provided during the meeting.

As seen from the village survey map there are no water bodies which attracts buffer zone as per the norms.

As far as CER is concerned the proponent has stated that he will earmark Rs 1.50crores to UAS Bangalore to increase the greenery in the campus and other infrastructure facilities.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Only registered labours should be employed.
4. For drinking purpose instead of RO water ozonised water shall be used.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.13** Proposed Residential Apartment Project at Sy.Nos.28/1, 28/4, 29/2, 29/3 & 29/4 of Rayasandra Village, Kasaba Hobli, Devanahalli Taluk, Bangalore Rural District By **M/s. MVN Infrastructure Pvt. Ltd. (SEIAA 160 CON 2019)**

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. MVN Infrastructure PVT. LTD., 58A/1, 1st Floor, Kalu Sarai, New Delhi
2	Name & Location of the Project	Proposed Residential Project at Sy. No. 28/1, 28/4, 29/2, 29/3 & 29/4 of Rayasandra Village, Kasaba Hobli, Devanahalli Taluk, Bangalore rural.
3	Co-ordinates of the Project Site	13°13'22.20"N 77°43'10.59"E
4	Environmental Sensitivity	
	a. Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Bettakote lake is at a distance of 300 m from the project site
	b. Type of water body at the	NA

		vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	
5		Type of Development	Residential Building
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Building
	b.	Residential Township/ Area Development Projects	NA
6		Plot Area (Sqm)	17,704.75 sqm
7		Built Up area (Sqm)	58,208.63 Sqmt
8		Building Configuration Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Building configuration = 2Blocks North block –B+G+15UF South block – 2B+G+15UF
9		Number of units in case of Construction Projects	NA
10		Number of Plots in case of Residential Township/ Area Development Projects	348 Units
11		Project Cost (Rs. In Crores)	95
12		Recreational Area in case of Residential Projects / Townships	NA
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	4083.91 Sqm (23.07 %)
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,800 sqm (10.17%).
	d.	Internal Roads	8mts Width
	e.	Paved area	8955.30 Sqm (50.58%).
	f.	Others Specify	Land for STRR project will be 886.0 Sqm (5.0%)
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	Civic amenity area will be 886.0 Sqm (5.0%) Road area (15 MP road) will be 1093.52 Sqm (6.18 %)
	h.	Total	
14		Details of demolition debris and / or Excavated earth	
	a.	Details of Debris (in cubic	NA

		meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	
	b.	Total quantity of Excavated earth (in cubic meter)	35,000
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 13,000 For Landscape=11,000 For Internal Road making =11, 000
	d.	Excess excavated earth (in cubic meter)	NA
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA
15		WATER	
	I.	Construction Phase	
	a.	Source of water	BWSSB STP treated water
	b.	Quantity of water for Construction in KLD	50 KLD
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD
	d.	Waste water generation in KLD	4KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	Fresh 189 Recycled 81 Total 270
	b.	Source of water	Gramapanchayath
	c.	Waste water generation in KLD	243
	d.	STP capacity	80 KLD of sewage treatment plant and 175 KLD of sludge treatment plant
	e.	Technology employed for Treatment	SBR
	f.	Scheme of disposal of excess treated water if any	Excess treated water will be utilized for secondary purposes
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store	400 m <sup>3</sup>



		Roof run off	
	b.	No's of Ground water recharge pits	20 No's
17		Storm water management plan	Enclosed in EMP
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Shall be disposed through BBMP Authorised vendors.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	470 kg/day converted in to organic manure and used for garden
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	313 Kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80 Lts/one B check given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	100 Kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	1400 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	380 KVA X 2 nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	19% we have achieved
20		PARKING	
	a.	Parking Requirement as per norms	457 Nos.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed
	c.	Internal Road width (RoW)	8 mts

The proponent was invited for the 236<sup>th</sup> meeting held on 17<sup>th</sup> December 2019 for appraisal.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report and clarification/additional information provided during the meeting.

As seen from the village survey map there is a nala running all along the easter side of the project site for which the proponent has stated that he has left 9meter buffer zone from the boundary of the nala as mandated by BIAPPA zoning regulations.

As far as CER is concerned the proponent has stated that he will earmak Rs 1.2crores to UAS Bangalore to increase the greenery in the campus and other infrastructure facilities.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Only registered labours should be employed.
4. For drinking purpose instead of RO water ozonised water shall be used.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.14** Proposed Building Stone Quarry Project at Sy.No. 89/3 of Kadanakoppa Village, Kalaghargi Taluk, Dharwad District (1-00 Acre) by **Smt. Roopa S. Gokul (SEIAA779 MIN2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Smt. Roopa S. Gokul, Ugginakeri Village & Post, Kalaghatagi Taluk, Dharwad District, Karnataka.
2	Name & Location of the Project	"Building Stone Quarry" of Sy No.89/3, Kadanakoppa Village, Kalaghatagi Taluk, Dharwad District, Karnataka

3	Co-ordinates of the Project Site	<b>Corner Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	N 15° 16' 20.89"	E 75° 1' 38.49"
		B	N 15° 16' 20.19"	E 75° 1' 38.48"
		C	N 15° 16' 20.32"	E 75° 1' 41.67"
		D	N 15° 16' 23.40"	E 75° 1' 41.98"
		E	N 15° 16' 23.33"	E 75° 1' 41.27"
		F	N 15° 16' 20.95"	E 75° 1' 41.08"
<b>WGS-WGS 84</b>				
4	Type of Mineral	<b>Building Stone</b>		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.404Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	580m Existing pit level		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	15,000 TPA		
14	Quantity of Topsoil/Over burden in Tons	1,517 Cu. m		
15	Mineral Waste Handled (Metric	790Tons/annum		

	Tons/ CUM)			
16	Project Cost (Rs. In Crores)		0.91crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Reserved Forest at Kurankoppa Village - 1.85 (NE) Reserved Forest at Chalamatti Village- 2.65 (NE)	
	b.	Nearest Human Habitation	Kadanakoppa - 1.20 kms (SE)	
	c.	Educational Institutes, Hospital	Kalaghatgi – 11.30 kms (SW)	
	d.	Water Bodies	Kamadhenu Pond - 4.95 (SE) Shalmala River - 6.10 (SE)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	0-15	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil Storage Area	0-01	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	0-22	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.8 KLD
			Domestic	0.50 KLD
			Other	0.80 KLD
			Total	11.1 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease has been notified on 02-11-2019 for 20 years.

As seen from the quarry plan there is a level difference of 4 meters within the mining area and taking this into consideration, the committee opined that 45% of the proposed proved quantity of 50201tons or 29908cum can be mined safely and scientifically to a quarry pit depth of 10meters for a lease period.

As per the combined sketch prepared by DMG there are 5 leases including this lease within 500 meter radius from this lease and the total area of these leases is 5Acres 5 guntas and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 280meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.1.0 lakh to take up rejuvenation of Gudihala pond which is at a distance of 1.3KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.15** Proposed Building Stone Quarry Project at Sy.No.7/2 of Ugginakeri Village, Kalaghatagi Taluk, Dharwad District (2-00 Acres) by **Sri Nagappa B. Gokul (SEIAA780MIN 2019)**

Sl.	PARTICULARS	INFORMATION
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No																				
1	Name & Address of the Project Proponent	Sri. Nagappa B Gokul, S/o Basappa, Ugginakeri Village & Post, Kalaghatagi Taluk, Dharwad District, Karnataka - 581204.																		
2	Name & Location of the Project	"Building Stone Quarry" of Sy No. 7/2, Ugginakeri Village, Kalaghatagi Taluk, Dharwad District, Karnataka																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Corner Pillar</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 15° 15' 22.14"</td> <td>E 74° 02' 0.42"</td> </tr> <tr> <td>B</td> <td>N 15° 15' 22.82"</td> <td>E 74° 02' 2.68"</td> </tr> <tr> <td>C</td> <td>N 15° 15' 18.97"</td> <td>E 74° 02' 3.12"</td> </tr> <tr> <td>D</td> <td>N 15° 15' 19.01"</td> <td>E 74° 02' 0.40"</td> </tr> <tr> <td colspan="3" style="text-align: center;"><b>WGS-WGS 84</b></td> </tr> </tbody> </table>	Corner Pillar	Latitude	Longitude	A	N 15° 15' 22.14"	E 74° 02' 0.42"	B	N 15° 15' 22.82"	E 74° 02' 2.68"	C	N 15° 15' 18.97"	E 74° 02' 3.12"	D	N 15° 15' 19.01"	E 74° 02' 0.40"	<b>WGS-WGS 84</b>		
Corner Pillar	Latitude	Longitude																		
A	N 15° 15' 22.14"	E 74° 02' 0.42"																		
B	N 15° 15' 22.82"	E 74° 02' 2.68"																		
C	N 15° 15' 18.97"	E 74° 02' 3.12"																		
D	N 15° 15' 19.01"	E 74° 02' 0.40"																		
<b>WGS-WGS 84</b>																				
4	Type of Mineral	<b>Building Stone</b>																		
5	New / Expansion / Modification / Renewal	New																		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land																		
7	Whether the project site fall within ESZ/ESA	No																		
8	Area in Ha	0.809 Ha																		
9	Actual Depth of sand in the lease area in case of River sand	NA																		
10	Depth of Sand proposed to be removed	NA																		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry																		



12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	560m Existing pit level		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	68,000 TPA		
14	Quantity of Topsoil/Over burden in Tons	2,673Cu. m		
15	Mineral Waste Handled (Metric Tons/ CUM)	3,579Tons/annum		
16	Project Cost (Rs. In Crores)	0.98crores		
17	Environmental Sensitivity			
	a.	Nearest Forest	Reserved Forest at Kurankoppa Village - 3.00 (NE) Reserved Forest at Chalamatti Village- 3.10 (NE)	
	b.	Nearest Human Habitation	Ugginakeri - 0.35 kms (SE)	
	c.	Educational Institutes, Hospital	Kalaghatgi – 10.45 kms (SW)	
	d.	Water Bodies	Kamadhenu Pond - 3.70 (SE) Shalmala River - 4.10 (SE)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-08	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil Storage Area	0-02	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	0-28	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.80 KLD
			Domestic	0.95 KLD
			Other	0.85 KLD

		Total	11.6 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease has been notified on 27-05-2017 for 20 years.

As seen from the quarry plan there is a level difference of 2 meters within the mining area and taking this into consideration, the committee opined that 35% of the proposed proved quantity of 363121tons or 136512cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As per the combined sketch prepared by DMG there are 2 leases including this lease within 500 meter radius from this lease and the total area of these leases is 4Acres and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 320meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.1.0 lakh to take up rejuvenation of Ugginakeri pond which is at a distance of 0.65KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.



3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.16** Proposed Black Granite Quarry Project at Sy.No.451/2 of Chunchanahalli Village, Nanjangudu Taluk, Mysore District (2-20 Acres) By **Sri Nanjundaiah (SEIAA 781 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Nanjundaiah S/o. Late Nanjaiah Haumanapura Village Nanjanagudu Taluk, Mysore District, Karnataka		
2	Name & Location of the Project	Black Granite Quarry in 2-20 Acres of Patta Land bearing Sy. No. 451/2 in Chunchanahalli Village, Nanjanagudu Taluk & Mysore District, Karnataka		
3	Co-ordinates of the Project Site	C.P	Latitude	Longitude
		A	N 12°03'27.1"	E 76°51'07.2"
		B	N 12°03'22.7"	E 76°51'06.1"
		C	N 12°03'23.0"	E 76°51'05.3"
		D	N 12°03'22.8"	E 76°51'05.2"
		E	N 12°03'23.4"	E 76°51'02.7"
		F	N 12°03'25.8"	E 76°51'03.2"
		G	N 12°03'24.9"	E 76°51'05.8"
H	N 12°03'27.2"	E 76°51'06.4"		
4	Type of Mineral	Black Granite Quarry		
5	New / Expansion / Modification / Renewal	Operating		
6	Type of Land [ Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	2-20 Acres		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining	NA		

	guideline 2016		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		2,000Cum/Annum
14	Quantity of Topsoil/Over burden in cubic meter		None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		3,998Cum/Annum
16	Project Cost (Rs. In Crore )		0.035
17	Environmental Sensitivity		
	a.	Nearest Forest	Chuchnahalli Karya Gudda Section-4 Forest 700m Konanuru Gudda Forest 3.0 Km Ummathur Gudda Section-4: 2.0 Km
	b.	Nearest Human Habitation	Chunchanahalli-3.50 Km
	c.	Educational Institutes, Hospital	Nanjanagudu which is Taluk head quarter- 24.00Km
	d.	Water Bodies	Mariyal Kere-1.85 Km S-SW Chamarajanagar- Kere-4.58 Km S-SE Didrayapete Kere-5.27 Km E-Se Suvarnavathi River-7.43 Km E Kodimole Kere-7.63 Km #E-Se Dodda Kere-8.21 Km SE Maragada Kere-9.26 Km S-SE Kalanahundi Kere-5.74 Km SW Ummattur Kere-9.05 Km N-NW Yedeyur Kere-8.06 KM NE
	e.	Other Specify	None
18	Applicability of General Condition of the EIA Notification, 2006		None
19	Details of Land Use in Ha.		
	a.	Quarry Working	0.317
	b.	Waste Dumps	0.188
	c.	Roads	-
	d.	Mineral stack Yard	0.045
	e.	Proposed buffer zone/Plantation	0.361
	f.	Infrastructure	-

	g.	Unexplored area	0.100	
20		Method of Mining/ Quarrying	Opencast Semi-mechanized	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.20 KLD
			Domestic	0.50 KLD
			Other	1.80 KLD
			Total	4.50KLD
23		Storm water management plan	Will be carried out.	
24		Any other information specific to the project (Specify)	None	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments ,Land conversion order and approved from District task force. And as far as lease notification to be issued from C&I dept. the proponent has stated that he will approach the concerned authorities to get the same.

As seen from the quarry plan there is a level difference of 6 meters and taking this into consideration committee opined that the 35% of the proposed proved gross quantity of 128615cum can be mined safely and scientifically within the lease period to a depth of 12meters including undisturbed area.

The proponent has stated that the recovery is 30% in the form of commercial blocks and Khandas i.e.,14049cum and out of balance 70% the 10% i.e 3278cum will be converted to building stone and remaining 60% will be waste i e 29504cum and the same has been reflected in the quarry plan. As far as waste handling the proponent has stated that he will utilize 0.188Ha has earmarked for waste handling and also 0.361Ha buffer zone utilizing this also for the waste handling.

As per the cluster sketch prepared by DMG there are no other leases within the 500 meters radius from this lease and area of this lease being 2Acre 20 Guntas and which being less than the threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 1KM connecting the lease area to all weather black topped road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.3.0Lakhs to take up rejuvenation of Kum kere which is at a distance of 3.7KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.17 Proposed Ordinary Sand Quarry Project at Sy.No.231 of Koyla Village, Puttur Taluk, Dakshina Kannada District (5.4376 Acres) By Sri Ramakrishna Naik (SEIAA 782 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Sri. Ramakrishna Naik</b> S/o. Sri. Parameshwara Naik Enithadka, Koyla Village, Puttur Taluk, Dakshina Kannada Dist.		
2	Name & Location of the Project	Ordinary Sand Koyla Block No. 02 in 5.436 acres in Kumaradhara River Bed, Sy. No.231 of Koyla Village, Puttur Taluk & Dakshina Kannada District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 12°45'29.02"	E 75°18'38.13"
		B	N 12°45'15.71"	E 75°18'41.35"
		C	N 12°45'15.27"	E 75°18'39.78"

		D	N 12°45'28.52"	E 75°18'36.52"
4	Type of Mineral	Ordinary Sand		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Revenue Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	5.436 Acres		
9	Actual Depth of sand in the lease area in case of River sand	2.0 m		
10	Depth of Sand proposed to be removed in case of River sand	0.8m		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	-		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	28,896 Tons/Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No Waste generation		
16	Project Cost (Rs. In Crores)	0.035		
17	Environmental Sensitivity			
	a.	Nearest Forest	Vested RF 2.88 Km S-SW Narimogara RF 2.5 Km W-SW	
	b.	Nearest Human Habitation	Koyla village	
	c.	Educational Institutes, Hospital	Puttur-10.80 Km	
	d.	Water Bodies	The project lies on Kumaradhara River Gowri Hole 1.35 Km W	
	e.	Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Acres			

	a.	Area for Mining/ Quarrying	5.436 Acres	
	b.	Waste Dumping Area	-	
	c.	Top Soil Storage Area	-	
	d.	Mineral Storage Area	-	
	e.	Infrastructure Area	-	
	f.	Road Area	-	
	g.	Green Belt Area	-	
	h.	Unexplored area	-	
	i.	Others Specify	-	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		-	
22	Water Requirement			
	a.	Source of water	Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.95 KLD
			Domestic	0.55 KLD
			Other	
			Total	4.50KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving sand mining in Govt land in the river bed. And the proponent has stated that he has obtained this block through public auction and this quarry area has been cleared by JIR and as per JIR depth of mining permitted is 0.8meter against the 2meter depth sand deposits. As far as obtaining C&I notification the proponent has stated that he has obtained LOI from DMG and the C&I notification will be obtained after issue of EC.

As per the sketch prepared by DMG the average total river width is 180meters and buffer on the left side is 82meters and buffer on the right side is 48meters and average width of the block is 50meters.

As per the statement of the proponent the top level of the sand block is 69.5meters and the dry weather flow of Kumaradhara river at this point is 68meters and depth of

mining proposed is 0.8meter. Thus the bottom of the mined pit depth is 0.7meter above the dry weather flow of Kumaradhara river. The proponent has stated that he will take up mining for the entire block to a depth of 0.8meter and in the subsequent years he has stated that he will take up mining after full replenishment of full mined quantity in the previous years. Taking these into consideration the committee opined that the proposed quantity of 28896 tons per annum can be mined safely and scientifically for a plan period of 5 years.

As per the cluster sketch prepared by DMG there are no other leases within the 500 meter radius from this lease area and area being less than the threshold limit of 5 Ha. the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

The proponent has stated that he has proposed a stock yard at a distance of 200meters from the lease area on a private land for which an MOU has been entered with the land owner.

As far as approach road is concerned there is an existing cart track road connecting stock yard at a distance of 200meters and proceeding further to a length of further 100meters to connect all weather road i.e., Koyla village road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.3.0 lakhs to take up river bank strengthening works of Kumaradhara river.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.18** Proposed Laterite Quarrying Project at Sy.No.492/2 of Beluvai Village, Mangalore Taluk, Dakshina Kannada District (2.16 Acres) by **Sri Srikanth Shetty (SEIAA 783 MIN 2019)**

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	<b>Sri. Srikanth Shetty</b> S/o Sri. Seetharama Shetty Hemantha Bettu Mane Paladka Village & Post Mangalore-574278, Karnataka.



2	Name & Location of the Project	Laterite Quarry in 2.16 Acres of Patta Land bearing Sy. No. 492/2, Beluvai Village, Mangalore Taluk & Dakshina Kannada District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°06'45.10"	E 74°58'09.70"
		B	N 13°06'40.30"	E 74°58'08.80"
		C	N 13°06'40.30"	E 74°58'07.10"
D	N 13°06'45.30"	E 74°58'07.60"		
4	Type of Mineral	Laterite Quarry		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [ Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	2.16 acre		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	38448(Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	9513 Tons/Annum		
16	Project Cost (Rs. In Crores)	0.030		
17	Environmental Sensitivity			
	a.	Nearest Forest	Paladka Extension Field RF – 16.00 meters Mujimalai RF — 8.21 Km E-NE	
	b.	Nearest Human Habitation	Beluvai -3.4Km	
	c.	Educational Institutes,	Mangalore 26.0Km	



		Hospital		
	d.	Water Bodies	Mulki River – 5.98 KM W Bola Hole – 6.33 Km NW Sanuru Hole – 6.97 KM N Nagundi Hole – 1.78 Km SE Rakasegundi Hole - 5.0 Km SW Biditotakatta Hole – 1.52 Km W-NW	
	e.	Other Specify	None	
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Acres			
	a.	Area for Mining	1.27	
	b.	Road	0.02	
	c.	Waste Dump Yard & Top Soil Storage	0.04	
	d.	Mineral Storage	0.04	
	e.	Infrastructure	0.01	
	f.	Buffer zone	0.18	
20	Method of Mining/ Quarrying		Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Nearby Bore well Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.50 KLD
			Domestic	0.330 KLD
			Other	0.50 KLD
			Total	4.830 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone/ Laterite mining in patta land. The proponent has stated that he has obtained NOCs from Forest,

Revenue Dept and land conversion order. The lease has been notified on 29-07-2019 for 20 years.

As seen from the quarry plan there is a level difference of 5 meters within the mining area and taking this into consideration, the committee opined that the proposed proved quantity of 185,976tons or 103320cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As per the combined sketch prepared by DMG there are no other leases within 500 meter radius from this lease and the total area of this lease is 2Acres 4 guntas and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.3 lakh to take up sanitation works in nearby Govt schools.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.19** Proposed Building Stone (M-Sand) Quarry Project at Sy.No.29/3(P) of Makkalageri Village, Gokak Taluk, Belgaum District (5-00 Acres) (2.02 Ha) By **Sri Tukaram Ramappa Kagal (SEIAA 784 MIN 2019)**

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Tukaram RamappaKagal Vivekanand Nagar 7th Cross Gokak Gokak Taluk Belgaum

2	Name & Location of the Project	kalageri Village Taluk Belgaum District Karnataka		
3	Co-ordinates of the Project Site	Points	Lattitude	Longitude
		A	N 16° 03' 05.4"	E74° 52' 20.3"
		B	N 16° 03' 11.1"	E74° 52' 24.0"
		C	N 16° 03' 10.2"	E74° 52' 24.9"
		D	N 16° 03' 06.9"	E74 °52' 26.2"
		E	N 16° 03' 03.2"	E74° 52' 20.7"
F	N 16° 03' 03.7"	E74 °52' 20.5"		
4	Type of Mineral	Building Stone(M-Sand).		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Land.		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	2.02 Ha Sy No:29/3(p)		
9	Actual Depth of building stone in the lease area /Patta Land building stone	Depth of building stone inPrivate land -25mt( from top level).		
10	Depth of buildingstone proposed to be removed	Depth of building stone proposed-15mt (from top level)		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Average 122762 TPA		
12	Quantity of Topsoil/Over burden in cubic meter	Waste-Average 6461 TPA		

13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil	
14	Project Cost (Rs. In Crores)	50 Lakh	
15	Environmental Sensitivity		
	a. Nearest Forest	Reserve forest 500mt from applied area.	
	b. Nearest Human Habitation	Makkalageri-1.40 km	
	c. Educational Institutes, Hospital	Gokak-12km	
	d. Water Bodies	Kanvi halla-6 km	
	e. Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006		
17	Details of Land Use in A-G		
	a. Area for Mining/ Quarrying	4-00	
	b. Waste Dumping Area	--	
	c. Top Soil Storage Area	--	
	d. Mineral Storage Area	--	
	e. Infrastructure Area	--	
	f. Road Area	0-01	
	g. Green Belt Area	--	
	h. Others Specify Safety Zone	0-39	
	Total	5.0 Acre (2.02)	
18	Method of Mining/ Quarrying	Semi Mechanised Quarrying	
19	Water Requirement		
	a. Source of water	Near By Own Borwell.	
	b. Total Requirement of Water in KLD	Dust Suppuration	7.0
		Domestic	1.5
		Other	1.5
		Total	10.0
20	Storm water management plan	--	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone(M-Sand) mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease has been notified on 23-10-2019 for 20 years.

As seen from the quarry plan there is a level difference of 12 meters within the mining area and taking this into consideration, the committee opined that the proposed proved quantity of 948025tons or 364625cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As per the combined sketch prepared by DMG there are no other leases within 500 meter radius from this lease and the total area of this lease is 5Acres and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is an existing cart track road to a length of 0.5KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.20lakh to take up rejuvenation of Makkalageri water pond which is at a distance of 1.4KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.20 Proposed Building Stone (M-Sand) Quarry Project at Sy.No.196(P) of Kadabi Village, Savadatti Taluk, Belagavi District (10-00 Acres) by Sri Anand Shrikant Kadam (SEIAA 785 MIN 2019)**

The proponent was invited for the 236<sup>th</sup> meeting held on 17-12-2019 to provide required clarification. The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**236.21** Proposed Building Stone (M-Sand) Quarry Project at Sy.Nos.11/7 & 11/8 of Heggadagere Village, Ramanagara Taluk & District (1-00 Acre) şy **M/s. S.L.V. Stone Crusher (SEIAA 786 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION																					
1	Name & Address of the Project Proponent	M/S. S. L.V Stone Crusher Sy No. 10/P2, Heggadagere Village, Bidadi Hobli, Uragepura Post, Ramanagara Taluk & District.-562109																					
2	Name & Location of the Project	"Building Stone Quarry (M-Sand)" of M/s. S. L. V. Stone Crusher at Sy No:11/7 & 11/8, Heggadagere Village, Ramanagara Taluk & District, Karnataka																					
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>P No</th> <th>Lattitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N12° 45.977'</td> <td>E77° 22.173'</td> </tr> <tr> <td>B</td> <td>N12° 45.973'</td> <td>E77° 22.149'</td> </tr> <tr> <td>C</td> <td>N12° 45.996'</td> <td>E77° 22.146'</td> </tr> <tr> <td>D</td> <td>N12° 45.999'</td> <td>E77° 22.155'</td> </tr> <tr> <td>E</td> <td>N12° 46.057'</td> <td>E77° 22.144'</td> </tr> <tr> <td>F</td> <td>N12° 46.059'</td> <td>E77° 22.157'</td> </tr> </tbody> </table> <p>DATUM: INDO BANGLA</p>	P No	Lattitude	Longitude	A	N12° 45.977'	E77° 22.173'	B	N12° 45.973'	E77° 22.149'	C	N12° 45.996'	E77° 22.146'	D	N12° 45.999'	E77° 22.155'	E	N12° 46.057'	E77° 22.144'	F	N12° 46.059'	E77° 22.157'
P No	Lattitude	Longitude																					
A	N12° 45.977'	E77° 22.173'																					
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E	N12° 46.057'	E77° 22.144'																					
F	N12° 46.059'	E77° 22.157'																					
4	Type of Mineral	<b>Building Stone(M-Sand)Quarry</b>																					
5	New / Expansion / Modification / Renewal	Expansion (QL No. 1303)																					
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land																					
7	Whether the project site fall within ESZ/ESA	Ramadevarabetta Vulture Sanctuary – 5.40 Kms (W)																					
8	Area in Ha	0.404Ha																					
9	Actual Depth of sand in the lease area in case of River sand	NA																					
10	Depth of Sand proposed to be	NA																					

	removed	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone (M-Sand) Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	709 MSL Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	40,000 TPA
14	Quantity of Topsoil/Over burden in cubic meter	There is no topsoil available in site
15	Mineral Waste Handled (Metric Tons/ CUM)	816Tons/Annum
16	Project Cost (Rs. In Crores)	1.05crores
17	Environmental Sensitivity	
	a. Nearest Forest	Handigundi State Forest – 1.25 Kms (SW) Hulutar State Forest – 1.50 Kms (NW)
	b. Nearest Human Habitation	Heggadagere Village -1.10 Kms(SE)
	c. Educational Institutes, Hospital	Ramanagara- 8.90 Kms (SW)
	d. Water Bodies	Aladomaradadoddi Pond - 3.10 kms (SE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	0-15
	b. Waste Dumping Area	0-01
	c. Top Soil Storage Area	0-01
	d. Mineral Storage Area	
	e. Infrastructure Area	
	f. Road Area	0-01
	g. Green Belt Area/Buffer Zone	0-22
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying
21	Rate of Replenishment in case River sand project	NA
22	Water Requirement	
	a. Source of water	Drinking water : Borewell from the village

			Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.6KLD
			Domestic	0.60 KLD
			Other	1.50KLD
			Total	11.70KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proponent was invited for the 236<sup>th</sup> meeting held on 17-12-2019 to provide required clarification. The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**236.22** Proposed Pink Granite Quarry Project at Sy.Nos.1/1/1 & 1/1/2 of Kadur Village, Kushtagi Taluk, Koppal District (2-25 Acres) by **Sri Siddappa Yankappa Bandi (SEIAA 787 MIN 2019)**

Sl. No	Particulars	Information		
1	Name & Address of the Project Proponent	Pink Granite Quarry by Sri Hanumanthappa Y Bandi, S/o.YankappaBandi, Guggalamari, Herekodagali, Bagalkot District, Karnataka State.		
2	Name & Location of the Project	AQL falling in Part of Survey no 128/2/1 at Hoolageri Village, Kushtagi Taluk, Koppal District, Karnataka State.		
3	Co-ordinates of the Project Site	Boundary Pillar	Latitude	Longitude
		A	15°57'29.10" N	76° 02'38.20" E
		B	15°57'30.40" N	76° 02'38.40" E
		C	15°57'27.00" N	76° 02'48.50" E
	D	15°57'26.00" N	76° 02'48.10" E	
4	Type of Mineral	Pink Granite Quarry		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand.		



7	Whether the project site fall within ESZ/ESA		NA
8	Area in Ha		3.00 Acre (1.2142 Ha).
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand		NA
10	Depth of Sand proposed to be removed		NA
11	Annual Production Proposed (Metric Tons/ CUM) / Annum		23,333 Cum Optimum production( Recovery and Intercalated waste )
12	Quantity of Topsoil/Over burden in cubic meter		Inarticulate waste of quantity 67,667cum, and Top Soil of quantity 7,497 Cum will be generated during Plan Period.
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		Nil
14	Project Cost (Rs. In Crores)		0.90Crores, i.e90 Lakhs (Including the cost of machinery and additional preliminary works and working capital etc)
15	Environmental Sensitivity		
	a.	Nearest Forest	Hanamasagar R. Forest at a distance of 7.0 Km (S)
	b.	Nearest Human Habitation	Hoolageri Village- 0.7Kms (E)
	c.	Educational Institutes, Hospital	Ilkal at a distance of 7.0Kmsin East direction from the lease have Educational Institutes, Hospital facilities .
	d.	Water Bodies	<ul style="list-style-type: none"> <li>• PurthageriKere at a distance of 2.5 Km (NW)</li> <li>• KappalappanHalla (stream) at a distance of 3.0 Km (W)</li> <li>• Ilkal Stream flowing at a distance of 6.0 Km (SE) from project site.</li> <li>• JalapuraKere at a distance of 7.0 Km (SE)</li> </ul>
	e.	Other Specify	Nil
16	Applicability of General Condition of the EIA Notification, 2006		NA
17	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	2-10
	b.	Waste Dumping Area	0-10
	c.	Top Soil Storage Area	0-02
	d.	Mineral Storage Area	0-03
	e.	Infrastructure Area	0-01
	f.	Road Area	--
	g.	Safety Zone/Green Belt Area	0-23

	h.	Unexplored area	--	
	i.	Others Specify Safety Zone	--	
18		Method of Mining/ Quarrying	Semi Mechanised Quarrying	
19		Water Requirement		
	a.	Source of water	Near By Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppression	2.00
			Domestic	1.35
			for plantation	5.00
			Total	8.35 KLD, App 8.5 KLD
20		Storm water management plan	Detailed in Environmental Management Plan	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236<sup>th</sup> meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments ,Land conversion order and the lease has been notified on 24.10.2019 by DMG. And as far as lease notification to be issued from C&I dept. the proponent has stated that he will approach the concerned authorities to get the same after issue of EC.

As seen from the quarry plan there is a level difference of 2 meters and also the fact that 3997cum is already been mined and taking this into consideration committee opined that the 45% of the proposed proved gross quantity of 85250cum can be mined safely and scientifically within the lease period to a depth of 10meters including undisturbed area.

The proponent has stated that the recovery is 30% in the form of commercial blocks and Khandas i.e.,10800cum and out of balance 70% the 95% of which i.e 23940cum will be converted to building stone and remaining 5% will be waste i e 1260cum and the same has been reflected in the quarry plan. As far as waste handling the proponent has stated that he will handle the waste in the buffer zone.

As per the cluster sketch prepared by DMG there are 10 leases including this lease within the 500 meters radius from this lease and out of these 10 leases 5 leases with a total area of 8Acre 18 guntas were granted prior to 9.9.2013 and another 3 leases with a total area of 13acres 30 guntas ECs were granted prior to 15.01.2016. The total area of the remaining two leases including this lease is 4 Acre 28guntas and which being less than the

threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 0.1KM connecting the lease area to all weather black topped road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.8.0Lakhs to take up rejuvenation of Purtigere kere which is at a distance of 0.8KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**18<sup>th</sup> December 2019**

Members present in the meeting:

Shri. N. Naganna	-	Chairman
Dr. B. Chikkappaiah, IFS(R)	-	Member
Dr.N Krishnamurthy	-	Member
Dr. K.B Umesh	-	Member
Dr M.I Hussain	-	Member
Shri M. Srinivasa	-	Member
Shri J.G Kaveriappa	-	Member
Dr. Vinod Kumar C.S	-	Member
Shri D. Raju	-	Member
Shri. Vyshak V. Anand	-	Member
Shri Md.Saleem I Shaikh		Member
Dr.S.Venkatesan IFS	-	Secretary

**10:15 AM to 1:30PM**

**EIA projects**

**236.23** Proposed Expansion of Aromatic chemicals manufacturing industry at Plot No.4 'O' & 5 'B' KIADB Industrial Area, Dobaspet, Sompura Hobli, Nelamangala Taluk, Bangalore Rural District **by M/s.Organica Aromatics Pvt Ltd (SEIAA 13 IND 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Rattan Sood Managing Director, # 5 'B' & 4 'O' Yedehalli Sompura Hobli Nelamangala Taluk Bangalore Rural District – 562111 Survey No: 73.102.103.107.108 & 109
2	Name & Location of the Project	M/s. Organica Aromatics Pvt Ltd. # 5 'B' & 4 'O' Yedehalli Sompura Hobli Nelamangala Taluk Bangalore Rural District – 562111 Survey No: 73.102.103.107.108 & 109
3	Co-ordinates of the Project Site	Project has the co-ordinates, Latitude 13o13'14.73" N and Longitude 77o 15'08.52" E and elevation at 940m.
4	Environmental Sensitivity	
	a.	Distance from Nearest Lake/ River/ Nala
	b.	Distance from Protected area notified under wildlife protection act
	c.	Distance from the interstate boundary
	d.	whether located in critically / severally polluted area as per the CPCB norms
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	Serial no. 5(f) of the schedule i.e., Synthetic organic chemicals industry and category "B" project.
6	New/ Expansion/ Modification/ Product mix change	Expansion
7	Plot Area (Sqm)	22900 SQM
8	Built Up area (Sqm)	5161.45 SQM
9	Component of developments	Manufacturing of synthetic aromatic chemicals activity
10	Project cost (Rs. In crores)	Existing : Rs. 4.85 Crores Proposed : Rs.13.45 Crores Total Rs.18.3 Crores

11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	3813.23 SQM
	b.	Kharab Land	-
	c.	Internal Roads	Shown in layout plan drawing
	d.	Paved area	1020SQM (including internal road)
	e.	Parking	Provided inside facTORY premises
	f.	Green belt	6800SQM
	g.	Others Specify	-
	h.	Total	22900 SQM
12	Products and By- Products with quantity (enclose as Annexure if necessary)		Proposed products& by-products details are in prefeasibility report
13	Raw material with quantity and their source (encloses as Annexure if necessary)		The raw materials required and their quantities are detailed in PFR report chapter 3, section 3.5
14	Mode of transportation of Raw material and storage facility		Detailed in PFR report in chapter 3, section 3.5
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		-
16	Fly ash production, storage and disposal details whereas coal is used as fuel		-
17	Complete process flow diagram and technology employed		Process description of individual products and process flow diagram, raw material consumption detailed infer.
18	Details of Plant and Machinery with capacity/ Technology used		Detailed in PFR
19	Details of VOC emission and control measures wherever applicable		Detailed in PFR, chapter 3, section 3.10
20	WATER		
	I.	Construction Phase	
	a.	Source of water	Water requirement is met from KIADB supply/Borewell
	b.	Quantity of water for Construction in KLD	15
	c.	Quantity of water for Domestic Purpose in KLD	-
	d.	Waste water generation in KLD	-
	e.	Treatment facility proposed and scheme of disposal of treated water	

	II	Operational Phase		
	a.	Source of water	Water requirement is met from KIADB supply/ Borewell water	
	b.	Total Requirement of Water in KLD	Fresh	96.5 KLD
			Recycled	38 KLD
			Total	134.5 KLD
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	30KLD
			Recycled	28.5
			Total	58.5 KLD
	d.	Requirement of water for domestic purpose in KLD	Fresh	10 KLD
			Recycled	-
			Total	10KLD
	e.	Waste water generation in KLD	Industrial effluent	28.5 KLD
			Domestic sewage	9 KLD
			Total	37.5KLD
	f.	ETP/ STP capacity	<p>Industrial effluents are segregated into High TDS &amp; Low TDS effluents. Wastewater generating from process, washings, R&amp;D effluents and scrubbers are considered as HTDS and Boiler blowdown, cooling tower bleed, Domestic sewage are considered as LTDS effluents.</p> <p>Effluents with HTDS will be treated in primary ETP, solvent stripper, MEE followed by ATFD. Effluents with LTDS and MEE and ATFD condensate will be treated in Biological treatment plant followed by RO system. RO permeate will be recycled back. RO rejects will be taken to MEE.</p> <p>MEE capacity 30 KLD Biological ETP capacity 40 KLD</p>	
	g.	Technology employed for Treatment	Zero Liquid Discharge	
	h.	Scheme of disposal of excess treated water if any	Utility makeup.	
21	Infrastructure for Rain water harvesting		-	
22	Storm water management plan		-	
23	Air Pollution		-	
	a.	Sources of Air pollution	Detailed in PFR chapter 3, section 3.10	
	b.	Composition of Emissions	SO <sub>2</sub> , NO <sub>x</sub> , Particulate Matters	

	c.	Air pollution control measures proposed and technology employed	Detailed in PFR chapter 3, section 3.10					
24	Noise Pollution							
	a.	Sources of Noise pollution	Detailed in PFR, chapter 3, section 3.11					
	b.	Expected levels of Noise pollution in dB	Within the limits KSPCB prescribed for industrial area.					
	c.	Noise pollution control measures proposed	Detailed in PFR, chapter 3, section 3.11					
25	WASTE MANAGEMENT							
	I.	Operational Phase						
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable	Solid Waste: Office waste like paper etc. is expected. Plastic drums and bags will be sold to KSPCB authorized recycler.				
			Non- Biodegradable					
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Detailed in PFR, chapter 3, section 3.9					
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	-					
26	Risk Assessment and disaster management		-					
27	POWER							
	a.	Total Power Requirement in the Operational Phase with source	Source: BESCO Power requirement: 1600 KVA					
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Three DG sets of 500 KVA will be provided as a power backup.					
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	<b>Particulars</b>	<b>Current Capacity</b>	<b>Proposed Capacity</b>	<b>Type of Fuel</b>	<b>Chimney height</b>	<b>Fuel</b>
			DG Sets	250KVA 500KVA	NIL	HSD	6 m ARL 7 m ARL	60 L/Hour
			Boiler	2 TPH	5TPH	Wood / Briquettes	33 m AGL	200-220 Ton/Mont

							h	
			Boiler	1.2 TPH	NIL	Furnace oil/ Gas	33 m AGL	150 Ton/ Month
			Ther mic Fluid Heate r	Nil	2 x 2 Lakh Kcal/ Hr	Furnace oil/ Gas	30 m AGL	10000 L /Month
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	-					
28	PARKING							
	a.	Parking Requirement as per norms	Provided as per standard					
	b.	Internal Road width (RoW)	Detailed in Plant layout plan.					
29	Any other information specific to the project (Specify)							

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 221<sup>st</sup> meeting held on 26-4-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report and clarification/additional information provided during the meeting.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report, proposed TORs and clarification/additional information provided during the meeting. The committee noted that this is a proposal for expansion. This unit was established earlier during the year 2005 based on CFE/CFO issued by KSPCB and EC was not mandated as per 1994 EIA Notification because the capital cost was less than Rs.5.0 crores. The proponent has requested for adoption of the data collected in the month of March and April 2019 for which the committee decided to accept. The proponent has also stated that he is running the unit based on the CFE/CFO issued periodically by KSPCB. The proponent has also stated that the CFO issued in 2008 itself is for Red category.

Hence the committee decided to recommend the proposal to SEIAA for issue of Standard TORs along with following additional TORs to conduct the EIA studies in accordance with the EIA Notification 2006 and relevant guidelines.



1. The proponent to justify the establishment of red category industry in this KIADB land.
2. Details of CFE/CFO issued periodically since inception may be given indicating the change of category of the industry from orange to red.
3. Present the compliance to earlier conditions given by KSPCB- CFO /EC.
4. Establish with layout plan the adoption of GMP for manufacturing your products supported by P & ID.
5. Sketch the location of the additional infrastructure in the plan of the existing industrial site.
6. Give the details of disposal of debris generated during expansion.
7. Based on experimental data, present the material balance / mass balance for each product with quantities of distillate residue, solvent loss and fugitive emissions. Also evaluate and present the ratio of (i) waste to product and (ii) raw material to product for each of the products proposed to be manufactured.
8. Enlist the raw materials with quantity with particular mention of any pyrophoric & highly reactive materials and precautions taken for their storage. Also mention any restricted/banned chemicals, if used in your product manufacture proposal.
9. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.
10. Evaluate and present the quantity and quality of solid and gaseous waste generated and their scheme of disposal.
11. Evaluate and present the existing and proposed water balance based on expansion.
12. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
13. Describe the measures proposed for in-house recovery of solvents mentioning the efficiency of recovery.
14. Identify and evaluate the steps in the manufacturing of your products that may represent risks to personnel or equipment and conduct a detailed investigation and present the hazop study along with risk assessment, disaster management for worst case scenario, all control equipment and mitigation measures adopted, emergency preparedness and onsite emergency plan.
15. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.
16. Present the scheme proposed to isolate the lithium (if used) and other salts from MEE and explore the possibility of their disposal advantageously.
17. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.



18. Highlight the green chemistry adopted with particular mention of your efforts to replace toxic solvents and reagents such as EDC, MDC, chloroform, butyl lithium, lithium aluminium hydride, sodium borohydride, thionyl chloride, THF etc wherever done and if bromination is done using bromine, better alternatives to bromine as brominating agent.
19. Scheme for harvesting renewable energy at the site and roof top may be detailed.
20. Details of the locals who are employed within the radius of 50 KM.

Accordingly TORs were issued on 01.07.2019. The proponent has submitted the EIA report on 29-11-2019 and the same was placed before the committee for EIA appraisal.

The proponent was invited for the 236<sup>th</sup> meeting held on 18-12-2019 to provide required clarification.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.24** Proposed Expansion of manufacturing drugs and drug intermediates, dietary supplements, formulation and fermentation based products and custom synthesis of organic compounds at Plot No.276P, 277 P, Phase-2, Harohalli Industrial Area, Kanakapura Taluk, Ramangar District, **by M/s. Anthem Biosciences Pvt Ltd (Unit-II) (SEIAA 09 IND 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Ajay Bhardwaj , Chairman & Managing Director M/s. Anthem Biosciences Private Limited Plot Nos. 276P & 277P of KIADB Harohalli Industrial Area Phase – II, Kanakapura Taluk, Ramanagar District, Karnataka
2	Name & Location of the Project	Expansion for manufacturing drugs and drug intermediates, dietary supplements, formulation and fermentation based products and custom synthesis of organic compounds. Plot Nos. 276P & 277P of KIADB Harohalli Industrial Area Phase – II, Kanakapura Taluk, Ramanagar District, Karnataka



3	Co-ordinates of the Project Site	12°40'25.36"N ; 77°26'13.25"E 12°40'21.95"N ; 77°26'13.73"E 12°40'19.76"N ; 77°26'16.85"E 12°40'20.37"N ; 77°26'20.73"E 12°40'25.40"N ; 77°26'19.60"E	
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	<ul style="list-style-type: none"> <li>• Harohalli Lake Located at a distance of 3.4 Kms from site in the Eastern direction</li> <li>• Gabbadi Lake located at a distance of 6 kms from site in the NE direction</li> <li>• Suvarnamukhi Water Reservoir located at a distance of 4.3 kms in the NE direction</li> <li>• Vrushabhavathi reservoir located at a distance of 9.4 kms in N direction</li> </ul>
	b.	Distance from Protected area notified under wildlife protection act	Bannerghatta National Park – 10.3 Km (NE)
	c.	Distance from the interstate boundary	Tamil Nadu State Border: 17.5 kms, SE direction
	d.	whether located in critically / severally polluted area as per the CPCB norms	No
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		5(f)
6	New/ Expansion/ Modification/		Expansion for manufacturing drugs and drug intermediates, dietary supplements, formulation and fermentation based products and custom synthesis of organic compounds
7	Plot Area (Sqm)		49,115.45 Sq.m
8	Built Up area (Sqm)		18,371.2Sq.m
9	Component of developments		Details enclosed in site plan as annexure -8
10	Project cost (Rs. In crores)		15 Crores.
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	
	b.	Kharab Land	No Kharab land
	c.	Internal Roads	-
	d.	Paved area	
	e.	Parking	-

	f.	Green belt	18,542.30Sq.m
	g.	Others Specify	Open space-12,202.02 Sq.m
	h.	Total	49,115.45 Sq.m
12	Products and By- Products with quantity (enclose as Annexure if necessary )		Products with quantity enclosed as annexure-1
13	Raw material with quantity and their source (enclose as Annexure if necessary )		List of raw materials enclosed as annexure-2
14	Mode of transportation of Raw material and storage facility		Mode of transportation of raw material and end products: Trucks Raw materials are sTORed in Closed sheds and underground tanks.
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		-NA-
16	Fly ash production, storage and disposal details whereas coal is used as fuel		-NA-
17	Complete process flow diagram and technology employed		Complete process flow diagram enclosed as annexure-2
18	Details of Plant and Machinery with capacity/ Technology used		Details of plant machinery layout plan are enclosed as annexure-8
19	Details of VOC emission and control measures wherever applicable		<u>Emissions</u> <ul style="list-style-type: none"> <li>• Emissions from Boiler, Reaction Vessels &amp; DG sets</li> <li>• <u>Control Measures</u></li> <li>• For Boiler – Adequate Stack height</li> <li>• Reaction Vessels- Scrubber</li> <li>• DG Set – Acoustic Enclosure.</li> </ul>
20	WATER		
	I.	Construction Phase	
	a.	Source of water	No additional construction. Existing building is adequate to carry out proposed activity
	b.	Quantity of water for Construction in KLD	--
	c.	Quantity of water for Domestic Purpose in KLD	--
	d.	Waste water generation in KLD	--
	e.	Treatment facility proposed and scheme of disposal of	-

		treated water																													
	II	Operational Phase																													
	a.	Source of water	KIADB and outside water tanker																												
	b.	Total Requirement of Water in KLD	<table border="1"> <thead> <tr> <th rowspan="2">Sl. No.</th> <th rowspan="2">Water Consumed for</th> <th colspan="2">Water consumption in KLD</th> <th colspan="2">Water Discharged in KLD</th> </tr> <tr> <th>Existing</th> <th>After expansion</th> <th>Existing</th> <th>After expansion</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Domestic</td> <td>36</td> <td>68</td> <td>29 (30 KLD STP)</td> <td>54 (60 KLD)</td> </tr> <tr> <td>2</td> <td>Industrial Process, Washing and Cooling</td> <td>170</td> <td>350</td> <td>148 (155 KLD ETP)</td> <td>292 (400 KLD)</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>206</b></td> <td><b>418</b></td> <td><b>117</b></td> <td><b>346</b></td> </tr> </tbody> </table>	Sl. No.	Water Consumed for	Water consumption in KLD		Water Discharged in KLD		Existing	After expansion	Existing	After expansion	1	Domestic	36	68	29 (30 KLD STP)	54 (60 KLD)	2	Industrial Process, Washing and Cooling	170	350	148 (155 KLD ETP)	292 (400 KLD)	<b>Total</b>		<b>206</b>	<b>418</b>	<b>117</b>	<b>346</b>
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	d.	Requirement of water for domestic purpose in KLD																													
	e.	Waste water generation in KLD																													
	f.	ETP/ STP capacity	Domestic: 30 KLD STP will be upgraded to 60 KLD Effluent: 155 KLD ETP will be upgraded to 400 KLD																												
	g.	Technology employed for Treatment	Anaerobic followed by aeration with MBR																												
	h.	Scheme of disposal of excess treated water if any	Nil (proposal involves ZLD)																												
21		Infrastructure for Rain water harvesting	Details will be provided in the EIA report.																												
22		Storm water management plan	Storm water drain is constructed around the project site.																												
23		Air Pollution																													
	a.	Sources of Air pollution	Existing air pollution sources and constituents is listed in Annexure – 03. After expansion emission will be from the operation of boiler, Thermic fluid heater and DG sets																												
	b.	Composition of Emissions																													
	c.	Air pollution control measures proposed and technology employed																													
24		Noise Pollution																													
	a.	Sources of Noise pollution	DG sets & Vehicular movement																												
	b.	Expected levels of Noise pollution in dB	Expected noise levels during day time: < 75dB(A) and during night time : <70dB(A)																												
	c.	Noise pollution control measures proposed	Acoustic enclosures for DG sets All the sections have been properly constructed with noise absorbing materials; pumps selected are of less noise generating type. Vehicles speed limit restriction within the premises at 15-20kmph and traffic congestion is avoided by security deployed at the entry/exit gates.																												

25	WASTE MANAGEMENT		
	I.	Operational Phase	
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable (Domestic) 9MT/Month
			Non- Biodegradable (Domestic) 6 MT/Month
			Biodegradable waste Handed over to BBMP
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Details enclosed in PFR
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	E-waste: 50Kg/annum Will be disposed to KSPCB authorized recyclers
26	Risk Assessment and disaster management		Will be included during the preparation of EIA/EMP report.
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	The present power requirement of the plant is 4,800 KVA. This requirement is met from BESCO. With expansion, the power requirement increases to 8,000 KVA and the same will be met from BESCO.
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG sets - 3 Nos. of 2000 KVA capacity is installed & additional 1 Nos. 2000 KVA DG is proposed.
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Diesel for DG set.
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Details will be included during the preparation of EIA/EMP report.
28	PARKING		
	a.	Parking Requirement as per norms	Details will be included during the preparation of EIA/EMP report.
	b.	Internal Road width (RoW)	6 meter
29	Any other information specific to the project (Specify)		--

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 219<sup>th</sup> meeting held on 27-3-2019 to present the TORs. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard TORs to conduct the EIA studies. The committee also prescribed the following additional TORs.

1. Submit the compliance to earlier EC conditions and CFO conditions.
2. Establish with the layout plan, the adoption of GMP for manufacturing products supported by P & ID.
3. Sketch showing the location of the additional infrastructure in the plan of the existing industrial site.
4. Submit the details of disposal of debris generated during expansion.
5. Based on experimental data, detail the material balance / mass balance for each product with quantities of distillate residue, solvent loss and fugitive emissions. Also evaluate and present the ratio of (i) waste to product and (ii) raw material to product for each of the products proposed to be manufactured.
6. Enlist the raw materials with quantity with particular mention of any pyrophoric & highly reactive materials and precautions taken for their storage. Also mention any restricted/banned chemicals, if used in your product manufacture proposal.
7. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.
8. Evaluate and present the quantity and quality of solid and gaseous waste generated and their scheme of disposal.
9. Evaluate and present the existing and proposed water balance based on expansion.
10. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
11. Describe the measures proposed for in-house recovery of solvents mentioning the efficiency of recovery.
12. Identify and evaluate the steps in the manufacturing of products that may represent risks to personnel or equipment and conduct a detailed investigation and present the hazop study along with risk assessment, disaster management for worst case scenario, all control equipment and mitigation measures adopted, emergency preparedness and onsite emergency plan.
13. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.

14. Present the scheme proposed to isolate the lithium (if used) and other salts from MEE and explore the possibility of their disposal advantageously.
15. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.
16. Highlight the green chemistry adopted with particular mention of your efforts to replace toxic solvents and reagents such as EDC, MDC, chloroform, butyl lithium, lithium aluminum hydride, sodium borohydride, thionyl chloride, THF etc wherever done and if bromination is done using bromine, better alternatives to bromine as brominating agent.
17. Give the justification for categorizing the proposal under 'B" category in view of closeness to Bannerghatta National Park with necessary certificate from the competent authority regarding the exact distance from the project site.

Accordingly TORs were issued on 21.05.2019. The proponent has submitted the EIA report on 05-11-2019 and the same was placed before the committee for EIA appraisal.

The proponent was invited for the 236<sup>th</sup> meeting held on 18-12-2019 to provide required clarification. The proponent remained absent.

The proponent and consultant attended the meeting but the EIA report has not been circulated among the members of SEAC and hence in view of the above the committee decided to defer the proposal.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**236.25** Proposed Expansion of manufacturing drugs and drug intermediates, fermentation based products and custom synthesis of organic compounds both from R&D and pilot plant at No.49, F1 & F2, Bommasandra Industrial Area, Phase-I, Bengaluru **by M/s. Anthem Biosciences Pvt Ltd(SEIAA 10 IND 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Ajay Bhardwaj , Chairman & Managing Director M/s. Anthem Biosciences Private Limited #49, F1 & F2, Bommasandra Industrial Area, Phase-1, Bengaluru-560 099
2	Name & Location of the Project	Expansion of Manufacturing Drugs and Drug Intermediates, dietary supplements, Fermentation based Products and Custom Synthesis of Organic Compounds both from R & D and Pilot Plant #49, F1 & F2, Bommasandra Industrial Area, Phase-1, Bengaluru-560 099



3	Co-ordinates of the Project Site	12°48'59.68"N ; 77°41'0.99"E 12°48'58.45"N ; 77°40'59.69"E 12°48'54.04"N ; 77°41'3.45"E 12°48'55.28"N ; 77°41'5.14"E
4	Environmental Sensitivity	
	a.	Distance From nearest Lake/ River/ Nala
		<ul style="list-style-type: none"> <li>• Kammasandra Lake-1.2Kms, N,</li> <li>• Hebbagodi Lake - 1.5 Kms, N,</li> <li>• Chandapura Lake -2.4 Kms, SE,</li> <li>• Veerasandra Lake - 2.9 Kms, N</li> <li>• Muthanalur Lake -3.6Kms, E</li> <li>• Hennagara Lake - 3.65 Kms, S</li> <li>• Chikkatoguru Lake - 5.3Kms, NW</li> <li>• Jigani Kere - 5.76 Kms, SW</li> </ul>
	b.	Distance from Protected area notified under wildlife protection act
		Bannerghatta National Park 10.6 Kms South West
	c.	Distance from the interstate boundary
		Nil
	d.	whether located in critically / severally polluted area as per the CPCB norms
		No
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	5(f)
6	New/ Expansion/ Modification/	Expansion of Manufacturing Drugs and Drug Intermediates, dietary supplements, Fermentation based Products and Custom Synthesis of Organic Compounds both from R & D and Pilot Plant
7	Plot Area (Sqm)	20,222 Sq.m
8	Built Up area (Sqm)	8,659.36 Sq.m
9	Component of developments	Installation of Utilities (Mini Chiller, 400 kg/hr, 600 kg/hr and 2 Nos. of 850 kg/hr Boiler, Cooling tower-2 Nos of 200 TR each), STP (40 KLD), ETP RO Plant (30 KLD), Scrubbers (2 Nos.) and 2 to 25 Ltr of Fermenters
10	Project cost (Rs. In crores)	5 Crores.
11	Details of Land Use (Sqm)	
	a.	Ground Coverage Area
	b.	Kharab Land
		No Kharab land



	c.	Internal Roads	-
	d.	Paved area	
	e.	Parking	-
	f.	Green belt	6,672.68 Sq.m
	g.	Others Specify	Open space-4889.96 Sq.m
	h.	Total	20,222 Sq.m
12	Products and By- Products with quantity (enclose as Annexure if necessary)		Products with quantity enclosed as annexure-1
13	Raw material with quantity and their source (enclose as Annexure if necessary)		List of raw materials enclosed as annexure-2
14	Mode of transportation of Raw material and storage facility		Mode of transportation of raw material and end products: Trucks Raw materials are stored in warehouse and underground tanks.
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		-NA-
16	Fly ash production, storage and disposal details whereas coal is used as fuel		-NA-
17	Complete process flow diagram and technology employed		Complete process flow diagram enclosed as annexure-2
18	Details of Plant and Machinery with capacity/ Technology used		Details of plant machinery layout plan are enclosed as annexure-5
19	Details of VOC emission and control measures wherever applicable		<u>Emissions</u> <ul style="list-style-type: none"> <li>Emissions from Boiler (Proposed) &amp; Thermic fluid heater (Existing) &amp; DG sets (Existing)</li> </ul> <u>Control Measures</u> <ul style="list-style-type: none"> <li>For Boiler &amp; Thermic fluid heater – Stack of adequate height</li> <li>Fume cupboard - Scrubber</li> <li>DG Set – Acoustic Enclosure.</li> </ul>
20	WATER		
	I.	Construction Phase	
	a.	Source of water	No additional construction. Existing building is adequate to carry out proposed activity
	b.	Quantity of water for Construction in KLD	--
	c.	Quantity of water for Domestic Purpose in KLD	--

d.	Waste water generation in KLD	--																																		
e.	Treatment facility proposed and scheme of disposal of treated water	-																																		
II	Operational Phase																																			
a.	Source of water	KIADB and outside water tanker																																		
b.	Total Requirement of Water in KLD	<table border="1"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">Water consumption in KLD</th> <th colspan="2">Effluent generated in KLD</th> </tr> <tr> <th>Existing</th> <th>Expansion</th> <th>Existing</th> <th>Expansion</th> </tr> </thead> <tbody> <tr> <td>Domestic</td> <td>22</td> <td>40</td> <td>17.6</td> <td>36</td> </tr> <tr> <td>Process</td> <td>17</td> <td>92</td> <td>17</td> <td>92</td> </tr> <tr> <td>Boiler</td> <td>0</td> <td>25 (12(Fresh)+13 (Recycled))</td> <td>0</td> <td>10</td> </tr> <tr> <td>Cooling</td> <td>2</td> <td>22 (Recycled)</td> <td>0</td> <td>0</td> </tr> <tr> <td><b>Total fresh water in KLD</b></td> <td><b>41</b></td> <td><b>144</b></td> <td><b>34.6</b></td> <td><b>138</b></td> </tr> </tbody> </table>		Water consumption in KLD		Effluent generated in KLD		Existing	Expansion	Existing	Expansion	Domestic	22	40	17.6	36	Process	17	92	17	92	Boiler	0	25 (12(Fresh)+13 (Recycled))	0	10	Cooling	2	22 (Recycled)	0	0	<b>Total fresh water in KLD</b>	<b>41</b>	<b>144</b>	<b>34.6</b>	<b>138</b>
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e.	Waste water generation in KLD																																			
f.	ETP/ STP capacity	<p><u>Existing:</u></p> <ul style="list-style-type: none"> <li>Domestic sewage treated in the existing ETP.</li> <li>LTDS (10 KLD) being treated in the in-house ETP and HTDS (7 KLD) being sent to CETP</li> </ul> <p><u>After expansion:</u></p> <ul style="list-style-type: none"> <li>Separate STP will be constructed for the treatment of domestic sewage.</li> <li>After expansion LTDS (15 KLD) will be treated in the in-house ETP and HTDS (20 KLD) and LTDS (75 KLD) will be sent through tankers to Anthem Bioscience Pvt Ltd., Unit-II (Harohalli) ETP for treatment</li> <li>Effluent from preclinical trail will be of similar characteristics of sewage will be treated in the proposed sewage treatment plant</li> </ul>																																		
g.	Technology employed for Treatment	Anaerobic followed by aeration																																		
h.	Scheme of disposal of excess treated water if any	<p>After expansion, the wastewater quantities will be as follows :</p> <p>As this unit has the maximum capacity of treatment of LTDS upto 15 KLD (Capacity of ETP-25 KLD), the excess of LTDS (i.e., 75 KLD) and HTDS (20 KLD) will be transported to Anthem Biosciences Pvt. Ltd., Unit-II (Plot Nos. 276 &amp; 277, KIADB Harohalli</p>																																		

			Industrial Area Phase – II, Kanakapura Taluk, Ramanagar District, Karnataka) for treatment. Sewage– 40 KLD will be treated in the proposed STP (40 KLD capacity) within the premises.	
21	Infrastructure for Rain water harvesting		Details will be provided in the EIA report .	
22	Storm water management plan		Storm water drain is constructed around the project site.	
23	Air Pollution			
	a.	Sources of Air pollution	Existing air pollution sources and constituents is listed in Annexure – 04. After expansion emission will be from the operation of boiler, Thermic fluid heater and DG sets	
	b.	Composition of Emissions		
	c.	Air pollution control measures proposed and technology employed		
24	Noise Pollution			
	a.	Sources of Noise pollution	DG sets & Vehicular movement	
	b.	Expected levels of Noise pollution in dB	Expected noise levels during day time: < 75dB(A) and during night time : <70dB(A)	
	c.	Noise pollution control measures proposed	Acoustic enclosures for DG sets All the sections have been properly constructed with noise absorbing materials; pumps selected are of less noise generating type. Vehicles speed limit restriction within the premises at 15-20kmph and traffic congestion is avoided by security deployed at the entry/exit gates.	
25	WASTE MANAGEMENT			
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable (Domestic)	2.7MT/Month
			Non- Biodegradable (Domestic)	1.8 MT/Month
			<ul style="list-style-type: none"> <li>• Dry waste such as used paper, used cartons, wooden waste are handed over to BBMP empaneled organization.</li> <li>• The vegetable (organic) waste is handed over to the piggeries</li> </ul>	
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	1) Used oil/lubricant from DG sets & machinery – 8 KL/annum 2) Waste residues containing oil (DG set filters & oil-soaked cotton waste) – 1 MT/annum 3) Spent solvents – 2000 KL/annum	

			<p>4) Distillation residue – 0 MT/annum  5) Process residue waste – 200 MT/annum  6) Spent catalyst – 1 MT/annum  7) Off specification products – 20 MT/annum  8) Spent carbon – 20 MT/annum  9) Discarded PVC containers, MS Barrels, Glass Bottles, HDPE and PVC bags – 1500 Nos/annum (Discarded containers) + 1500 kg/annum (HDPE and PVC bags)  10) ETP Sludge (Chemical sludge from ETP) – 15 MT/annum  11) Date expired products – 5 MT/annum  12) Chemical containing residue arising from decontamination – 0.5 MT/annum</p>
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	E-waste: 50Kg/annum Will be disposed to KSPCB authorized recyclers
26	Risk Assessment and disaster management		Will be included during the preparation of EIA/EMP report.
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	The present power requirement of the plant is 1,980 KVA. This requirement is met from BESCO. With expansion, the power requirement increases to 2980 KVA and the same will be met from BESCO.
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2X500KVA, 2X1010KVA (Existing)
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Diesel for DG set.
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Details will be included during the preparation of EIA/EMP report.
28	PARKING		
	a.	Parking Requirement as per norms	Details will be included during the preparation of EIA/EMP report.
	b.	Internal Road width (RoW)	6 meter
29	Any other information specific to the project (Specify)		--

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 219<sup>th</sup> meeting held on 27-3-2019 to present the TORs. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard TORs to conduct the EIA studies. The committee also prescribed the following additional TORs.

1. Submit the compliance to earlier EC conditions and CFO conditions.
2. Establish with layout plan the adoption of GMP for manufacturing products supported by P & ID.
3. Sketch showing the location of the additional infrastructure in the plan of the existing industrial site.
4. Give the details of disposal of debris generated during expansion.
5. Based on experimental data, detail the material balance / mass balance for each product with quantities of distillate residue, solvent loss and fugitive emissions. Also evaluate and present the ratio of (i) waste to product and (ii) raw material to product for each of the products proposed to be manufactured.
6. Enlist the raw materials with quantity with particular mention of any pyrophoric & highly reactive materials and precautions taken for their storage. Also mention any restricted/banned chemicals, if used in your product manufacture proposal.
7. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.
8. Evaluate and present the quantity and quality of solid and gaseous waste generated and their scheme of disposal.
9. Evaluate and present the existing and proposed water balance based on expansion.
10. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
11. Describe the measures proposed for in-house recovery of solvents mentioning the efficiency of recovery.
12. Identify and evaluate the steps in the manufacturing of your products that may represent risks to personnel or equipment and conduct a detailed investigation and present the hazop study along with risk assessment, disaster management for worst case scenario, all control equipment and mitigation measures adopted, emergency preparedness and onsite emergency plan.
13. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.

14. Present the scheme proposed to isolate the lithium (if used) and other salts from MEE and explore the possibility of their disposal advantageously.
15. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.
16. Highlight the green chemistry adopted with particular mention of your efforts to replace toxic solvents and reagents such as EDC, MDC, chloroform, butyl lithium, lithium aluminium hydride, sodium borohydride, thionyl chloride, THF etc wherever done and if bromination is done using bromine, better alternatives to bromine as brominating agent.
17. Give the justification for categorizing the proposal under 'B' category in view of closeness to Bannerghatta National Park with necessary certificate from the competent authority regarding the exact distance from the project site.

Accordingly TORs were issued on 21.05.2019. The proponent has submitted the EIA report on 05-11-2019 and the same was placed before the committee for EIA appraisal.

The proponent was invited for the 236<sup>th</sup> meeting held on 18-12-2019 to provide required clarification. The proponent remained absent.

The proponent and consultant attended the meeting but the EIA report has not been circulated among the members of SEAC and hence in view of the above the committee decided to defer the proposal.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**236.26** Proposed Molasses/B-heavy/ Sugarcane Juice Based Distillery Project at Sy.Nos.92, 93, 94, 337/1/2 of Mogdal Village, Bidar Taluk & District Sy **M/s. Bidar Kissan Shakha Karkhana Ltd. (SEIAA 42 IND 2019)**

Sl. No.	Particulate	Description
1.	Project	New 60 KLPD molasses/B- heavy molasses/Sugarcane juice based distillery at sr. no. 92, 93, 94 village Mogdal, Tal & Dist. Bidar, Karnataka of Bidar Kissan Shakhar Karkhana Limited
2.	Available land	Proposed distillery 14 acres Green belt area: 4.62 acre
3.	Coordinates of the Project site	<b>A:</b> 17.709475°N, 77.393417°E, <b>B:</b> 17.709002°N, 77.394150°E <b>C:</b> 17.707073°N, 77.392792° E <b>D:</b> 17.707427°N, 77.391933°E
4.	Type of project	New Project

	New/Expansion/modification/renewal	
5.	Type of land (Forest/Govt. Revenue, Gomal, private/ Patta, Other )	Private land
6.	Product	Molasses based distillery / Ethanol Plant (60 KLPD) R S & IS / Fuel Ethanol/ENA : 60 KLPD Fuel oil: 0.195 KLPD (One at a time)
7.	Existing sugar facTORY products	Existing 3500 TCD
	Sugar (TPD) (10.5 % on cane)	367.5 TPD
	Bagasse (TPD) (28)	980 TPD
	Press mud (TPD) (4%)	140 TPD
	B-Molasses (TPD) (6 %)	245 TPD
8.	Operation days	300 days
9.	Molasses requirement	Total Molasses requirement 437 TPD B-Molasses Quantity: 197 TPD Or C Molasses : 240 TPD
10.	Water requirement	472 CMD
11.	Source of water	Karanja River
12.	Boiler	Incineration Boiler – 25 TPH(45 bar (a) and 400 °C ))
13.	TG	Proposed distillery incineration boiler 3 MW TG ( double extraction cum condensing turbine)
14.	DG	Proposed: 500 kVA
15.		Electricity generation 3.0 MW Consumption 2.2 MW
16.	Fuel	Concentrated spent wash: 8.2 MT/hr (196.8 MTD) Coal: 2.0 MT/hr. (48 MTD) Bagasse: 5 TPH
17.	Steam	Steam generation capacity 25 TPH Total steam consumption 19.76 TPH Wash to ENA : 8.40 TPH @ 3.5 kg /cm <sup>2</sup> (g) Wash to RS : 4.72 TPH @ 3.5 kg /cm <sup>2</sup> (g) RS to AA : <u>1.44 TPH @ 3.5 kg /cm<sup>2</sup> (g)</u> Evaporation : <u>5.20 TPH @ 1.5 kg /cm<sup>2</sup> (g)</u>
18.	Total effluent generation	Proposed Distillery effluent generation: Spent wash 600-665 CMD, spent lees 146 CMD (100% lees shall be reuse in process), process condensate 504 CMD
19.	Effluent treatment system	Spent wash will be concentrated in MEE and then burn in proposed 25 TPH spent wash fired boiler. Condensate water will be recycled back in the process RO based condensate polishing unit of capacity 650





		CMD will be provided.
20.	Ash	Spent wash ash and bagasse ash will be sell to farmer as manure. Coal ash will be sold to the brick manufacturer.
21.	Air pollution control measures	Electrostatic precipitaTOR stack height: 74 m
22.	Man-power	Proposed distillery skilled 20-30 & unskilled 30
23.	Total project cost	Project cost of the distillery: Rs. 97.35 Cr.
24.	Total EMP capital cost	Total 2.6 Cr.
25. Environment Sensitivity		
26.	Nearest Village	Mogdal at 1.28 km
27.	Nearest Town / City	Bidar 25 km
28.	Nearest IMD station	Bidar (43125), Karnataka, India 25.0 km in West
29.	Nearest National Highway	National Highway 65 (Mumbai highway) adjacent to the sugar facTORY
30.	Nearest Railway station	Bidar 25 km
31.	Nearest Airport	Hyderabad Airport 143 km
32.	National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/ Elephant Reserves, Wildlife Corridors etc. within 10 km radius	No any in within 10 km of project area
33.	Forest	Minkhere protected forest 4.8 in SW Rekulgi protected forest 6.39 km in WNW Kasimpur protected forest 9.4 km in N Bhimalkhed reserved forest 2.5 km in S Nagankhera reserved forest 8.3 km in WSW Alipur reserve Forest 9.5 km in SSW Basirapur reserve forest 8.48 km in SW Muthangi reserve Forest 9.8 km in SW Tadapalli reserve forest 7.3 km in NE Bagdal reserve forest 7.38 in NNE
34.	Water bodies in core area (5 km)	Karanja River flowing at a distance of 1.8 km in north east
35.	Water bodies in buffer area (5 km)	Karanja Reservoir at 10 km in NW
36.	Interstate boundary	Karnataka and Telangana state border at 6.3 km in east

The proponent was invited for the 236<sup>th</sup> meeting held on 18-12-2019 to provide required clarification

The proponent and consultant attended the meeting. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report and clarification/additional information provided during the meeting.

The proponent has stated that he has applied for EC to MoEF & CC New Delhi because at that point of time molasses based distilleries were not in the ambit of B1 category and they were under A category. And based on this EAC have issued TORs and studies and Public Hearing have been taken up based on these TORs. By the time the report was readied a policy decision was taken categorizing molasses based distilleries less than 100KLPD under B1 category. In view of this changed policy the proponent has stated that he has made out this application to SEIAA for further appraisal of the EIA report prepared thereon.

The committee after discussion decided to reconsider after submission of the following information.

- 1) The details of greenery covering 33% of the whole plot nearly 80Acres is to be worked out and submitted.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

### Fresh projects

**236.27** Proposed Pink Granite Quarry Project at Sy.Nos.249/3 & 249/5 of Balakundi Village, Hungund Taluk, Bagalkot District (8-00 Acres) by **Sri A. Raja (SEIAA 788 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION																					
1	Name & Address of the Project Proponent	Sri A Raja S/o Abdul Haleem # 28, Vijay Nagar Ward No 2 Ilkal, Bagalkot, Karnataka. Ph:-9845327557																					
2	Name & Location of the Project	Pink Granite Quarry Balakundi Village Hungund Taluk Bagalkot District.																					
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">Co-Ordinates in hddd°mm.mmm' Datum: WGS 84</th> </tr> <tr> <th></th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>Rtp-1</td> <td>N 15° 54' 50.90"</td> <td>E 76° 04' 47.00"</td> </tr> <tr> <td>Rtp-2</td> <td>N 15° 54' 50.40"</td> <td>E 76° 04' 56.50"</td> </tr> <tr> <td>A</td> <td>N 15° 54' 57.80"</td> <td>E 76° 04' 59.80"</td> </tr> <tr> <td>B</td> <td>N 15° 54' 59.50"</td> <td>E 76° 04' 55.80"</td> </tr> <tr> <td>C</td> <td>N 15° 54' 50.70"</td> <td>E 76° 04' 52.60"</td> </tr> </tbody> </table>	Co-Ordinates in hddd°mm.mmm' Datum: WGS 84				Latitude	Longitude	Rtp-1	N 15° 54' 50.90"	E 76° 04' 47.00"	Rtp-2	N 15° 54' 50.40"	E 76° 04' 56.50"	A	N 15° 54' 57.80"	E 76° 04' 59.80"	B	N 15° 54' 59.50"	E 76° 04' 55.80"	C	N 15° 54' 50.70"	E 76° 04' 52.60"
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A	N 15° 54' 57.80"	E 76° 04' 59.80"																					
B	N 15° 54' 59.50"	E 76° 04' 55.80"																					
C	N 15° 54' 50.70"	E 76° 04' 52.60"																					

		D	N 15° 54' 50.40"	E 76° 04' 56.50"
4	Type of Mineral	Pink Granite		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	3.2 Ha		
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	9000 Cum Pink Granite 6000 Cum Khandas 7500 Cum Building Stone		
12	Quantity of Topsoil/Over burden in cubic meter	6260 Cum Per Annum		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	7500 Cum per Annum		
14	Project Cost (Rs. In Crores)	3.39		
15	Environmental Sensitivity			
	a.	Nearest Forest	NA	
	b.	Nearest Human Habitation	Balakundi -0.8 km	
	c.	Educational Institutes, Hospital	Ilkal town-09 km	
	d.	Water Bodies	Ishwanagar kere-0.30 KM	
	e.	Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006			
17	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	2-26	
	b.	Waste Dumping Area	1-22	
	c.	Top Soil Storage Area	-	

	d.	Mineral Storage Area	0-04	
	e.	Infrastructure Area	0-02	
	f.	Road Area	-	
	g.	Green Belt Area	1-18	
	h.	Unexplored area	2-08	
		<b>Total</b>	<b>8-00</b>	
18	Method of Mining/ Quarrying		Open cast Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Agriculture Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	6.0
			Domestic	0.5
			Other	1.0
			Total	7.5
20	Storm water management plan		NA	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments, Land conversion order and approved from District task force and also C&I Notification .

As seen from the quarry plan there is a level difference of 2 meters and taking this into consideration committee opined that 70% of the proposed proved gross quantity of 414856cum can be mined safely and scientifically within the lease period to a depth of 20meters including undisturbed area.

The proponent has stated that the recovery is 30% in the form of commercial blocks i.e 87119 and 20% in the form of Khandas i.e., 58079cum and 25% in the form of Building stone i.e 72599cum and balance 25% is waste i.e 72599cum and the proponent has stated that he will handle waste in 1Acre 22 guntas earmarked for waste dumping.

As per the cluster sketch prepared by DMG there are 3 leases including this lease within the 500 meters radius from this lease and out of which the 2 leases were granted prior to 09.09.2013 and remaining one lease i.e this lease the area of which being 8Acre and which being less than the threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal

accordingly. The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 210meters connecting the lease area to all weather black topped road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.25.0Lakhs to take up rejuvenation of Eswarnagar kere which is at a distance of 300meters from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.28** Proposed Building Stone Quarry Project at Sy.No.36/2 of Tegampur Village, Bhalki Taluk, Bidar District (3-00 Acres) by **Sri Sangamesh (SEIAA 789 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION															
1	Name & Address of the Project Proponent	Sangamesh S/o NagappaHalange R/o Tegampur, Bhalki Taluk Bidar District Karnataka- 585413 +91-9448102791															
2	Name & Location of the Project	Tegampur Building Stone Quarry TegampurVillage Bhalki Taluk Bidar District.															
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">Co-Ordinates in hddd°mm.mmm' Datum: WGS 84</th> </tr> <tr> <th></th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N18° 01' 23.80"</td> <td>E77° 19' 34.30"</td> </tr> <tr> <td>B</td> <td>N18° 01' 23.80"</td> <td>E77° 19' 31.30"</td> </tr> <tr> <td>C</td> <td>N18° 01' 20.50"</td> <td>E77° 19' 29.20"</td> </tr> </tbody> </table>	Co-Ordinates in hddd°mm.mmm' Datum: WGS 84				Latitude	Longitude	A	N18° 01' 23.80"	E77° 19' 34.30"	B	N18° 01' 23.80"	E77° 19' 31.30"	C	N18° 01' 20.50"	E77° 19' 29.20"
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	Latitude	Longitude															
A	N18° 01' 23.80"	E77° 19' 34.30"															
B	N18° 01' 23.80"	E77° 19' 31.30"															
C	N18° 01' 20.50"	E77° 19' 29.20"															

		D	N18° 01' 18.60"	E77° 19' 31.40"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.2 Ha		
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	40000 TPA		
12	Quantity of Topsoil/Over burden in cubic meter	1080 TPA		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1600 TPA		
14	Project Cost (Rs. In Crores)	72.0 Lakh		
15	Environmental Sensitivity			
	a.	Nearest Forest	Dhanur RF is 4.5 KM - East	
	b.	Nearest Human Habitation	Tegampur village -1.3 km	
	c.	Educational Institutes, Hospital	Bhalki District -7.0 km	
	d.	Water Bodies	Manjara River – 7.5 KM towards NE. Seasonal nalla -0.10 KM towards NW	
	e.	Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006		No	
17	Details of Land Use in Ac			
	a.	Area for Mining/ Quarrying	2-05	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	-	
	d.	Mineral Storage Area	-	
	e.	Infrastructure Area	--	
	f.	Road Area	-	
	g.	Green Belt Area	0-35	
	h.	Unexplored area		
		<b>Total</b>	<b>3-00</b>	
18	Method of Mining/ Quarrying		Semi Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Agriculture Borwell.	

	b.	Total Requirement of Water in KLD	Dust Suppuration	5.0
			Domestic	1.0
			Other	1.5
			Total	7.5
20		Storm water management plan	Drains will be constructed along the boundary of activity area	
21		Any other information specific to the project (Specify)	Nil	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and applied for land conversion. The lease has been notified on 08-11-2019 for 20 years.

As seen from the quarry plan there is a level difference of 4 meters within the mining area and taking this into consideration, the committee opined that 55% of the proposed proved quantity of 525809tons or 197672cum can be mined safely and scientifically to a quarry pit depth of 15meters for a lease period.

As per the combined sketch prepared by DMG there are no other leases within 500 meter radius from this lease and the total area of this lease is is 3Acres and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1.3KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.5.0lakh to take up rejuvenation of Halhippeerga water pond which is at a distance of 1.4KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.29** Proposed Building Stone Quarry Project at Sy.No.7/2 of Khanjamalpur Village, Bidar Taluk, Bidar District (2-15 Acres) By **Sri Jagadish Khuba (SEIAA 790 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Jagadish Khuba S/o Ganapat Rao Khuba House No 8-6-51/52, KustariNivas, Janawada road, Near Water tank, J P nagar, Bidar. Karnataka- 585401 +91-9740392486																		
2	Name & Location of the Project	Building Stone Quarry KhanjamalpurVillage Bhalki Taluk Bidar District.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">Co-Ordinates in hddd°mm.mmm' Datum: WGS 84</th> </tr> <tr> <th></th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N17° 59' 47.40"</td> <td>E77° 27' 30.90"</td> </tr> <tr> <td>B</td> <td>N17° 59' 47.30"</td> <td>E77° 27' 28.50"</td> </tr> <tr> <td>C</td> <td>N17° 59' 52.30"</td> <td>E77° 27' 30.20"</td> </tr> <tr> <td>D</td> <td>N17° 59' 52.00"</td> <td>E77° 27' 32.20"</td> </tr> </tbody> </table>	Co-Ordinates in hddd°mm.mmm' Datum: WGS 84				Latitude	Longitude	A	N17° 59' 47.40"	E77° 27' 30.90"	B	N17° 59' 47.30"	E77° 27' 28.50"	C	N17° 59' 52.30"	E77° 27' 30.20"	D	N17° 59' 52.00"	E77° 27' 32.20"
Co-Ordinates in hddd°mm.mmm' Datum: WGS 84																				
	Latitude	Longitude																		
A	N17° 59' 47.40"	E77° 27' 30.90"																		
B	N17° 59' 47.30"	E77° 27' 28.50"																		
C	N17° 59' 52.30"	E77° 27' 30.20"																		
D	N17° 59' 52.00"	E77° 27' 32.20"																		
4	Type of Mineral	Building Stone																		
5	New / Expansion / Modification / Renewal	New																		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Patta Land																		



7	Whether the project site fall within ESZ/ESA		No	
8	Area in Ha		0.98 Ha	
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand		NA	
10	Depth of Sand proposed to be removed		NA	
11	Annual Production Proposed (Metric Tons/ CUM) / Annum		40000 TPA	
12	Quantity of Topsoil/Over burden in cubic meter		750 TPA	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		1600 TPA	
14	Project Cost (Rs. In Crores)		68.8 Lakh	
15	Environmental Sensitivity			
	a.	Nearest Forest	NA	
	b.	Nearest Human Habitation	Khanjamalpur village -0.7 km	
	c.	Educational Institutes, Hospital	Bidar District -7.0 km	
	d.	Water Bodies	Manjara River – 2.0 KM towards NW. HonnikeriHalla- 1.7 KM -west Seasonal nalla -0.20 KM towards NW	
	e.	Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006		No	
17	Details of Land Use in Ac			
	a.	Area for Mining/ Quarrying	1-23	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	-	
	d.	Mineral Storage Area	-	
	e.	Infrastructure Area	--	
	f.	Road Area	-	
	g.	Green Belt Area	0-32	
	h.	Unexplored area		
		<b>Total</b>	<b>2-15</b>	
18	Method of Mining/ Quarrying		Semi Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Agriculture Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	5.0
			Domestic	1.0
			Other	1.5
			Total	7.5
20	Storm water management plan		Drains will be constructed along the boundary of activity area	

21	Any other information specific to the project (Specify)	Nil
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The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion. The lease has been notified on 25-10-2019 for 20 years.

As seen from the quarry plan there is a level difference of 8 meters within the mining area and taking this into consideration, the committee opined that 70% of the proposed proved quantity of 412253tons or 156750cum can be mined safely and scientifically to a quarry pit depth of 15meters for a lease period.

As per the combined sketch prepared by DMG there are no other leases within 500 meter radius from this lease and the total area of this lease is 2Acres 15guntas and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1.2KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.6.0lakh to take up rejuvenation of Janawada kere which is at a distance of 2.0KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**



**236.30** Proposed Building Stone Quarry Project at Sy.No.1(P) of Achalapura Village, Koppal Taluk, Koppal District (Q.L.No.239) (6-00 Acres) by **Sri Mohammed H. Maniyar (SEIAA 791 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Mohammed H. Maniyar S/o. Sri. Jalalsab Maniyar Palthan Street Koppal Taluk & District		
2	Name & Location of the Project	Building Stone Quarry in 6-00 Acres of Govt. Revenue Land bearing Sy. No. 1(P) Achalapura Village, Koppal Taluk & Koppal District, Karnataka.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 15°22'42.8"	E 76°21'15.2"
		B	N 15°22'39.6"	E 76°21'14.6"
		C	N 15°22'39.1"	E 76°21'22.9"
D	N 15°22'42.4"	E 76°21'23.2"		
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Renewal QL No. 239		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Govt. Revenue Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	6-00 acres		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	Saleable 81,975 Tons/Annum		
14	Quantity of Topsoil/Over burden	None		

	in cubic meter		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		7,006 Tons/Annum
16	Project Cost (Rs. In Crores)		0.060
17	Environmental Sensitivity		
	a.	Nearest Forest	Agoli RF 6.66 Km N-NE Benakal RF 4.84 Km NE
	b.	Nearest Human Habitation	Achalapura – 2.0Km
	c.	Educational Institutes, Hospital	Koppal -25.0km
	d.	Water Bodies	Nageshanahalli Kere 1.98 Km N Arlapura Kere 3.46 Km S-SE Thungabhadra River 4.8 Km S-SE Thungabhadra left bank main canal 2.41 Km S-SW Kerehalli Kere 4.63 Km W Mukkumpi Kere 6.26 Km NE Samapur Reservoir 7.72 Km E-SE Halahalli Kere 9.63 Km W-NW Indargi Kere 6.87 Km NW
	e.	Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006		None
19	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	4.07
	b.	Overburden Dump	0.02
	c.	Top Soil Storage Area	-
	d.	Mineral Storage Area	-
	e.	Infrastructure Area	0.58
	f.	Road Area	0.14
	g.	Green Belt Area	1.19
	h.	Unexplored area	-
	i.	Others Specify	-
20	Method of Mining/ Quarrying		Opencast Semi-mechanized
21	Rate of Replenishment in case River sand project		NA
22	Water Requirement		

	a.	Source of water	Nearby Borewell Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.00 KLD
Domestic			1.050 KLD	
Plantation			1.0 KLD	
Total			5.5 KLD	



23	Storm water management plan	Will be carried out.
24	Any other information specific to the project (Specify)	None

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a old lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease deed has been executed on 19.8.2009 for 5 years and he has carried out mining from 2010-11 to 2013-14 and further no mining activity has been carried out since then till date and the same has been reflected in the audit report prepared by DMG.

As seen from the quarry plan there is a level difference of 15 meters within the mining area and taking this into consideration, and also the fact that he has already mined 15259tons the committee opined that the proposed proved quantity of 563576tons or 216760cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

The proponent has claimed exemption from cluster effect for this lease in view of the fact that the the lease was granted for the same prior to 09.09.2013.Hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.5KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.12.0lakh to take up rejuvenation of Nageshnalli kere which is at a distance of 1.98KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.

3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.31** Proposed Building Stone Quarry Project at Sy.No.53 of Bisinele Village, Kunigal Taluk, Tumkur District (5-00 Acres) By **M/s.Sri Varu Stone Crusher (SEIAA 792 MIN 2019)**

The proponent was invited for the 236th meeting held on 18-12-2019 to provide required clarification. The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**2.15PM-6.00PM**

**236.32** Proposed Building Stone Quarry Project at Sy.No.53 of Bisinele Village, Kunigal Taluk, Tumkur District (2-00 Acres) by **M/s. Sri Varu Stone Crusher (SEIAA 793 MIN 2019)**

The proponent was invited for the 236th meeting held on 18-12-2019 to provide required clarification. The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**236.33** Proposed Building Stone Quarry Project at Sy.Nos.251/2B(P), 251/2K, 251/2D & 251/2E(P) of Teggi Village, Bilagi Taluk, Bagalkot District (2-09 Acres) By **Sri Ramappa M. Tumbarmatti (SEIAA 795 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
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1	Name & Address of the Project Proponent	Sri. Ramappa M. Tumbarmatti, Kesanur Village, Bagalkote Taluk, Bagalkote District, Karnataka.																		
2	Name & Location of the Project	"Building Stone Quarry" over an extent 2-09 Acres at Sy. No. 251/2B (P), 251/2K, 251/2D & 251/2E (P) of Teggi village, Bilagi Taluk, Bagalkote district, Karnataka.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>SL.No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 16°23' 25.0"</td> <td>E 75°31' 19.50"</td> </tr> <tr> <td>B</td> <td>N 16°23' 23.2"</td> <td>E 75°31' 20.30"</td> </tr> <tr> <td>C</td> <td>N 16°23' 24.0"</td> <td>E 75°31' 25.70 "</td> </tr> <tr> <td>D</td> <td>N 16°23' 25.5"</td> <td>E 75°31' 25.40"</td> </tr> <tr> <td colspan="3" style="text-align: center;">WGS – 84 DATUM</td> </tr> </tbody> </table>	SL.No	Latitude	Longitude	A	N 16°23' 25.0"	E 75°31' 19.50"	B	N 16°23' 23.2"	E 75°31' 20.30"	C	N 16°23' 24.0"	E 75°31' 25.70 "	D	N 16°23' 25.5"	E 75°31' 25.40"	WGS – 84 DATUM		
SL.No	Latitude	Longitude																		
A	N 16°23' 25.0"	E 75°31' 19.50"																		
B	N 16°23' 23.2"	E 75°31' 20.30"																		
C	N 16°23' 24.0"	E 75°31' 25.70 "																		
D	N 16°23' 25.5"	E 75°31' 25.40"																		
WGS – 84 DATUM																				
4	Type of Mineral	<b>Building Stone Quarry</b>																		
5	New / Expansion / Modification / Renewal	New																		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land																		
7	Whether the project site fall within ESZ/ESA	No																		
8	Area in Ha	0.899Ha																		
9	Actual Depth of sand in the lease area in case of River sand	NA																		
10	Depth of Sand proposed to be removed	It's a Building Stone quarry																		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	Not Applicable For Patta land																		
12	Measurements of the existing quarry pits in case of	534.0 mts RL																		



	ongoing/expansion/modification of mining proposals other than river sand			
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		30,000 Tons/annum	
14	Quantity of Topsoil/Over burden in cubic meter		Top soil of 0.5m (6,475.2 m <sup>3</sup> ) is available	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		1,579 TPA	
16	Project Cost (Rs. In Crores)		1.10 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Reserved Forest at shakthi nagar Village – 3.80 Kms (S) Reserved Forest at Budihal Village – 1.23 Kms (NW)	
	b.	Nearest Human Habitation	Teggi - 1.30 Kms(SE)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Bilagi10.96kms	
	d.	Water Bodies	Krishna River - 4.60Kms (NW)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-24	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil Storage Area	0-01	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	0-22	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.5KLD
			Domestic	0.5 KLD
			Other	1.00 KLD
			Total	11.0KLD
23	Storm water management plan		• Drains will be constructed along the boundary of	





		activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season
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The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion is under process. The lease has been notified on 24-10-2019 for 20 years.

As seen from the quarry plan there is a level difference of 4 meters within the mining area and taking this into consideration, the committee opined that 60% of the proposed proved quantity of 287144tons or 107948cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As per the combined sketch prepared by DMG there are 2 leases including this lease within 500 meter radius from this lease and the total area of these leases is is 6Acres 9guntas and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.31KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.4.0lakh to take up water supply, sanitation works in nearby schools.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.34** Proposed Building Stone Quarry Project at Sy.No.88/B/2 of Kadanakoppa Village, Kalaghatgi Taluk, Dharwad District (1-10 Acres) by **Sri Madivalappa Y Hebbal (SEIAA 797 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Shri. Madivalappa Y Hebbal S/o. Yallappa #282/1, Kuravinakoppa Village & Post, Kalaghatgi Taluk, Dharwad District, Karnataka		
2	Name & Location of the Project	"Building Stone Quarry" of Shri. Madivalappa Y Hebbal at Sy No. 88/B/2, Kadanakoppa Village, Kalghatgi Taluk, Dharwad District, Karnataka.		
3	Co-ordinates of the Project Site	<b>Corner Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	N 15° 16' 27.45"	E 75° 1' 42.89"
		B	N 15° 16' 27.67"	E 75° 1' 45.57"
		C	N 15° 16' 30.25"	E 75° 1' 45.26"
		D	N 15° 16' 29.06"	E 75° 1' 42.33"
		E	N 15° 16' 28.77"	E 75° 1' 42.44"
		F	N 15° 16' 28.87"	E 75° 1' 43.37"
<b>WGS-WGS 84</b>				
4	Type of Mineral	<b>Building Stone</b>		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		

8	Area in Ha	0.505Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	600.1m Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	30,000 TPA
14	Quantity of Topsoil/Over burden in Tons	1,320Cu. M of Topsoil
15	Mineral Waste Handled (Metric Tons/ CUM)	1,579Tons/annum
16	Project Cost (Rs. In Crores)	0.68 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Reserved Forest at Kurankoppa Village - 2.90 (NE)
	b. Nearest Human Habitation	Kadanakoppa -1.90 kms (SE)
	c. Educational Institutes, Hospital	Kalaghatgi - 11.50 kms (SW)
	d. Water Bodies	Bangatti Gudihal Pond - 1.30 (W) Kadanakoppa Pond - 1.40 (SE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	0-33
	b. Waste Dumping Area	0-01
	c. Top Soil Storage Area	0-01
	d. Mineral Storage Area	
	e. Infrastructure Area	
	f. Road Area	0-01
	g. Green Belt Area/Buffer Zone	0-14
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying

21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.6 KLD
			Domestic	0.67 KLD
			Other	0.43 KLD
			Total	10.7KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease has been notified on 25-09-2019 for 20 years.

As seen from the quarry plan there is a level difference of 4 meters within the mining area and taking this into consideration, and also the fact that already mined 9600cum as per the existing quarry pit the committee opined that 20% of the proposed proved quantity of 263966tons or 99235cum can be mined safely and scientifically to a quarry pit depth of 10meters for a lease period.

As per the combined sketch prepared by DMG there are 6 leases including this lease within 500 meter radius from this lease and the total area of these leases is 6Acres 15guntas and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.30KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.0lakh to take up rejuvenation of B Gudihala pond which is at a distance of 1.4KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.35** Proposed Building Stone Quarry Project at Sy.No.34(P) of Machanahalli Village, Urdigere Hobli, Tumkur Taluk & District (1-00 Acre) by **Sri Shivakumar (SEIAA 799 MIN 2019)**

Sl. No	Particulars	Details		
1	Name of the Project and Address	Sri. Shivakumar, for "Building Stone" quarry in Sy.No.34(p), QL No, 557 over an extent of 1 Acre located in Machanahalli Village, Urdigere Hobli, Tumkur Taluk and Tumkur District		
2	Address of the client	Sri. Shivakumar, S/o Manikyam, Ellara Bande Sanjay Nagara, Tumkur Taluk, Tumkur District - 572104		
3	GPS Co-ordinates	GPS Readings	Lattitude	Longitude
		A	13° 17' 23.59" N	77° 09' 9.85" E
		B	13° 17' 21.61" N	77° 09' 13.76" E
		C	13° 17' 20.73" N	77° 09' 13.53" E
		D	13° 17' 22.30" N	77° 09' 9.20" E
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	Renewal		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Karab Land		
7	Area in Ha	0.404 Ha. (1-00 acre)		
8	Production per Annum	11,243Tons/ Annum		

9	Total Waste Quantity	2,959Tons for 5 years			
10	Land Use Plan	<b>Sl. No.</b>	<b>Particulars</b>	<b>Area in Sq.m</b>	<b>Area in Acres</b>
		1.	Quarry Area	1,500	0 - 15
		2.	Mineral Storage Yard	100	0 - 01
		3.	Waste Dump Yard	-	0.00
		4.	Quarry Infrastructure	-	0.00
		5.	Roads/ Country Track	-	0.00
		6.	Un trenched area	-	0.00
		7.	Buffer Zone	2,447	0 - 24
		<b>Total</b>		<b>4,047</b>	<b>1 - 00</b>
11	Water Demand	2 KLD			
12	Method of Mining/ Quarrying	Semi Mechanized Method of opencast quarrying			

The proponent was invited for the 236th meeting held on 18-12-2019 to provide required clarification. The proponent remained absent without intimation.

The proponent and Environmental consultant attended the 236th meeting held on 18-12-2019 to provide clarification/ additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal for old lease involving Building Stone Quarry in Government land. The proponent has stated that he has obtained NOC's from Forest, Revenue Dept., and also obtained land conversion order. The lease deed has been executed on 25.03.2006 for 5 years and he has carried out mining from 2006-07 to 2010-11 and further no mining activity has been carried out since then till date and the same has been reflected in the audit report prepared by DMG.

As seen from the quarry plan there is a level difference of 13 m within the mining area and taking this into consideration and also the fact that he has already mined 5173tons the committee opined that the proposed quantity of 21375 cum or

56,216 Tons for a lease period can be mined safely and scientifically to a quarry pit depth of 12meters.

As per the cluster sketch prepared by DMG there are ten leases including this lease within 500 m radius from this lease and the leases for seven proposals including this lease were granted prior to 09.09.2013 and the combined area of remaining 3 leases is 9 Acres which being less than threshold limit of 5 Ha. The committee decided to appraise this project under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project doesn't fall within the 10 Km radius from national park or wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to the length of 800 meters connecting the lease area to all weather black topped road.

As far as CER is concerned the proponent has stated that he has earmarked Rs 2 Lakhs for providing street lights to Basavapattana Village which is at a distance of 1.2 km respectively from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environmental clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust Suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.36** Proposed Building Stone Quarry Project at Sy.No.60/1 of Mallapur Village, Gangavathi Taluk, Koppal District (3-00 Acres) By **Sri Syed Mohammed Younus (SEIAA 800 MIN 2019)**

Sl. No	Particulars	Information
1	Name & Address of the Project Proponent	Building Stone Quarry by Sri. Syed Mohammed Younus, # 49, Behind AllamNababDarga, SirisinaKallu, HosapeteTaluk, Bellari District, Karnataka State
2	Name & Location of the Project	AQL falling in Part of Survey no 60/1 at Mallapura Village, GangavathiTaluk, Koppal District, Karnataka State.



		Boundary Pillar	Latitude	Longitude
3	Co-ordinates of the Project Site	A	15° 29' 47.80" N	76° 26' 51.40"E
		B	15° 29' 48.80" N	76° 26' 57.80"E
		C	15° 29' 46.10" N	76° 26' 58.70"E
		D	15° 29' 45.60" N	76° 26' 56.10"E
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand.		
7	Whether the project site fall within ESZ/ESA	NA		
8	Area in Ha	3-00 Acres (1.2142Ha)		
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	51,020 Tonnes Optimum production( Recovery and Intercalated waste )		
12	Quantity of Topsoil/Over burden in cubic meter	Inarticulate waste of quantity 1,020 Tonnes and Top Soil of quantity 3,971Tonnes will be generated during Plan Period.		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil		
14	Project Cost (Rs. In Crores)	0.87Crores, i.e87 Lakhs (Including the cost of machinery and additional preliminary works and working capital etc)		
15	Environmental Sensitivity			
	a.	Nearest Forest	<ul style="list-style-type: none"> <li>Agoli Reserve Forest at 4.5 Km (SW) from project site.</li> <li>Benakal Reserve Forest at 7.5 Km (S) from project site.</li> </ul>	
	b.	Nearest Human Habitation	Udamkal Village- 1.5 Kms (S)	
	c.	Educational Institutes, Hospital	Gangavatiat a distance of 11 Kms in East direction from the lease have Educational Institutes, Hospital facilities .	
	d.	Water Bodies	<ul style="list-style-type: none"> <li>MaraliHalla Stream at a distance of 2.0 Km (S) from project site.</li> <li>Tungabadra left bank canal at a distance of 4.0 Km (E) from project site.</li> </ul>	
	e.	Other Specify	Nil	
16	Applicability of General Condition of	NA		



	the EIA Notification, 2006			
17	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-35	
	b.	Waste Dumping Area	0-05	
	c.	Top Soil Storage Area	0-02	
	d.	Mineral Storage Area	0-03	
	e.	Infrastructure Area	0-01	
	f.	Road Area	--	
	g.	Safety Zone/Green Belt Area	0-34	
	h.	Unexplored area	--	
	i.	Others Specify Safety Zone	--	
18	Method of Mining/ Quarrying		Semi Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.00
			Domestic	1.35
			for plantation	6.25
			Total	11.60 KLD, App 12 KLD
20	Storm water management plan		Detailed in Environmental Management Plan	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and applied for land conversion. The lease has been approved in district task force.

As seen from the quarry plan there is a level difference of 20 meters within the mining area and taking this into consideration, the committee opined that 70% of the proposed proved quantity of 556226tons or 215669cum can be mined safely and scientifically to a quarry pit depth of 15meters for a lease period.

As per the combined sketch prepared by DMG there are no other leases within 500 meter radius from this lease and the total area of these leases is 3Acres and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1.0KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.7.0lakh to take up rejuvenation of Udamakkal kere which is at a distance of 5KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.37** Proposed Pink Granite Quarry Project at Sy.No.128/2/1 of Hoolageri Village, Kushtagi Taluk, Koppal District (3-00 Acres) By **Sri Hanumanthappa Y Bandi (SEIAA 801 MIN 2019)**

SI. No	Particulars	Information		
1	Name & Address of the Project Proponent	Pink Granite Quarry by Sri Hanumanthappa Y Bandi, S/o.YankappaBandi, Guggalamari, Herekodagali, Bagalkot District, Karnataka State.		
2	Name & Location of the Project	AQL falling in Part of Survey no 128/2/1 at Hoolageri Village, Kushtagi Taluk, Koppal District, Karnataka State.		
3	Co-ordinates of the Project Site	Boundary Pillar	Latitude	Longitude
		A	15°57'29.10" N	76° 02'38.20" E
		B	15°57'30.40" N	76° 02'38.40" E
		C	15°57'27.00" N	76° 02'48.50" E
3	Co-ordinates of the Project Site	D	15°57'26.00" N	76° 02'48.10" E
4	Type of Mineral	Pink Granite Quarry		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand.		
7	Whether the project site fall within ESZ/ESA	NA		
8	Area in Ha	3.00 Acre (1.2142 Ha).		
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		

11	Annual Production Proposed (Metric Tons/ CUM) / Annum	23,333 Cum Optimum production( Recovery and Intercalated waste )	
12	Quantity of Topsoil/Over burden in cubic meter	Inarticulate waste of quantity 67,667cum, and Top Soil of quantity 7,497 Cum will be generated during Plan Period.	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil	
14	Project Cost (Rs. In Crores)	0.90Crores, i.e90 Lakhs (Including the cost of machinery and additional preliminary works and working capital etc)	
15	Environmental Sensitivity		
	a. Nearest Forest	Hanamasagar R. Forest at a distance of 7.0 Km (S)	
	b. Nearest Human Habitation	Hoolageri Village- 0.7Kms (E)	
	c. Educational Institutes, Hospital	Ilkal at a distance of 7.0Kmsin East direction from the lease have Educational Institutes, Hospital facilities .	
	d. Water Bodies	<ul style="list-style-type: none"> <li>• PurthageriKere at a distance of 2.5 Km (NW)</li> <li>• KappalappanHalla (stream) at a distance of 3.0 Km (W)</li> <li>• Ilkal Stream flowing at a distance of 6.0 Km (SE) from project site.</li> <li>• JalapuraKere at a distance of 7.0 Km (SE)</li> </ul>	
	e. Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006	NA	
17	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	2-10	
	b. Waste Dumping Area	0-10	
	c. Top Soil Storage Area	0-02	
	d. Mineral Storage Area	0-03	
	e. Infrastructure Area	0-01	
	f. Road Area	--	
	g. Safety Zone/Green Belt Area	0-23	
	h. Unexplored area	--	
	i. Others Specify Safety Zone	--	
18	Method of Mining/ Quarrying	Semi Mechanised Quarrying	
19	Water Requirement		
	a. Source of water	Near By Borwell.	
	b. Total Requirement of Water in KLD	Dust Suppression	2.00
		Domestic	1.35
		for plantation	5.00
		Total	8.35 KLD, App 8.5 KLD
20	Storm water management plan	Detailed in Environmental Management Plan	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal

considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments, Land conversion order and approved from District task force. And as far as lease notification to be issued from C&I dept. the proponent has stated that he will approach the concerned authorities to get the same. The proponent has also stated that he has paid penalty for having mined prior to District task force approval.

As seen from the quarry plan there is a level difference of 2 meters and taking this into consideration and also the fact that he has already mined 279.3cum the committee opined that the 50% of the proposed proved gross quantity of 179822cum can be mined safely and scientifically within the lease period to a depth of 15meters.

The proponent has stated that the recovery is 30% in the form of commercial blocks i.e 27000cum and 70% Khandas i.e.,63000cum and the same has been reflected in the quarry plan.

As per the cluster sketch prepared by DMG there are 6 leases including this lease within the 500 meters radius from this lease and area of these leases being 22Acre 10 Guntas and out of these the 4 leases with a total area of 15 Acres 16 guntas were granted either EC granted prior to 15.01.2016 or the lease granted prior to 09.09.2013. The area of remaining two leases including this lease being 9Acres 34guntas which being less than the threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 0.3KM connecting the lease area to all weather black topped road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.20.00Lakhs to take up rejuvenation of Purthigere kere which is at a distance of 2.5KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.

3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.38** Proposed Pink Granite Quarry Project at Sy.Nos.47/2, 47/3,47/4 & 47/5 of Bandragal Village, Kushtagi Taluk, Koppal District (4-20 Acres) By **Sri Mallikarjuna Rao (SEIAA 802 MIN 2019)**

Sl. No	Particulars	Information		
1	Name & Address of the Project Proponent	Pink Granite Quarry by Sri. NamaNageshwarRao, S/o. Muthaiah, House No 11-4-65 C, VaralakshmiNilayam, Nehru Nagar, Khammam, Telangana State		
2	Name & Location of the Project	AQL falling in Part of Survey no no 47/2,47/3,47/4 & 47/5 at Bandragal Village, Kushtagi Taluk, Koppal District, Karnataka State.		
3	Co-ordinates of the Project Site	Boundary Pillar	Latitude	Longitude
		A	15°57'50.60" N	76° 01'27.50" E
		B	15°57'50.60" N	76° 01'30.30" E
		C	15°57'43.30" N	76° 01'30.30" E
		D	15°57'43.40" N	76° 01'27.10" E
		E	15°57'45.70" N	76° 01'27.30" E
F	15°57'49.10" N	76° 01'27.50" E		
4	Type of Mineral	Pink Granite Quarry		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand.		
7	Whether the project site fall within ESZ/ESA	NA		
8	Area in Ha	4 Acres 20Guntas (1.8212Ha).		
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	23,334 Cum Optimum production( Recovery and Intercalated waste )		
12	Quantity of Topsoil/Over burden in cubic meter	Inarticulate waste of quantity 77,000 cum, and Top Soil of quantity 12,513 Cum will be		

		generated during Plan Period.	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil	
14	Project Cost (Rs. In Crores)	0.98Crores, i.e98 Lakhs (Including the cost of machinery and additional preliminary works and working capital etc)	
15	Environmental Sensitivity		
	a. Nearest Forest	Hanamasagar R. Forest at a distance of 7.0 Km (S)	
	b. Nearest Human Habitation	Bandragal Village- 0.3 Kms (W)	
	c. Educational Institutes, Hospital	Ilkal at a distance of 9.5Kmsin East direction from the lease have Educational Institutes, Hospital facilities .	
	d. Water Bodies	<ul style="list-style-type: none"> <li>• PurthageriKere at a distance of 1.0 Km (NW)</li> <li>• KappalappanHalla (stream) at a distance of 1.5 Km (W)</li> <li>• Ilkal Stream flowing at a distance of 7.5 Km (SE) from project site.</li> <li>• JalapuraKere at a distance of 7.5 Km (SE)</li> </ul>	
	e. Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006	NA	
17	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	3-16	
	b. Waste Dumping Area	0-05	
	c. Top Soil Storage Area	0-03	
	d. Mineral Storage Area	0-03	
	e. Infrastructure Area	0-01	
	f. Road Area	--	
	g. Safety Zone/Green Belt Area	0-32	
	h. Unexplored area	--	
	i. Others Specify Safety Zone	--	
18	Method of Mining/ Quarrying	Semi Mechanised Quarrying	
19	Water Requirement		
	a. Source of water	Near By Borwell.	
	b. Total Requirement of Water in KLD	Dust Suppression	2.00
		Domestic	2.25
		for plantation	6.25
		Total	10.5 KLD
20	Storm water management plan	Detailed in Environmental Management Plan	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments, Land conversion order and approved from District task force. And as far as lease notification to be issued from C&I dept. the proponent has stated that he will approach the concerned authorities to get the same.

As seen from the quarry plan there is a level difference of 2 meters and taking this into consideration the committee opined that the proposed proved gross quantity of 140274cum can be mined safely and scientifically within the lease period to a depth of 20meters.

The proponent has stated that the recovery is 30% in the form of commercial blocks i.e 42082cum and 70% is waste i.e.,98192cum for which the proponent has stated that he will get this converted into Khandas and building stone by suitably getting the mining plan revised.

As per the cluster sketch prepared by DMG there are 8 leases including this lease within the 500 meters radius from this lease and area of these leases being 25Acre 1 guntas. Out of these 5 leases with a total area of 14 Acres 15 guntas for which either EC granted prior to 15.01.2016 or the lease granted prior to 09.09.2013. The area of remaining three leases including this lease is 10Acres 26guntas which being less than the threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 0.5KM connecting the lease area to all weather black topped road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.12.00Lakhs to take up rejuvenation of Purthigere kere which is at a distance of 1.0KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.39** Proposed Building Stone Quarry Project at Sy.No.31 of Voosarahalli Village, Malur Taluk, Kolar District (3-20 Acres) By **Sri Nagaraj N.B (SEIAA 803 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION																							
1	Name & Address of the Project Proponent	Sri. Nagaraj. N. B. S/o Sri. Basavarajappa. N. B. No. 27, 5th Cross, Maruthi Layout, Basaveshwaranagar, Bengaluru - 560079																							
2	Name & Location of the Project	"Building Stone Quarry" of Sri. Nagaraj. N. B. Sy. No: 31, Voosarahalli Village, Malur Taluk, Kolar District, Karnataka.																							
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th rowspan="2">Boundary Points</th> <th colspan="2">WGS 84 Spherical Coordinates</th> </tr> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>12°53'44.81"N</td> <td>78° 06'02.32"E</td> </tr> <tr> <td>B</td> <td>12°53'44.18"N</td> <td>78° 06'00.68"E</td> </tr> <tr> <td>C</td> <td>12°53'47.43"N</td> <td>78° 05'53.26"E</td> </tr> <tr> <td>D</td> <td>12°53'49.39"N</td> <td>78° 05'54.36"E</td> </tr> <tr> <td>Ref. 1</td> <td>12°53'37.74"N</td> <td>78° 05'47.37"E</td> </tr> <tr> <td>Ref. 2</td> <td>12°53'27.95"N</td> <td>78° 05'14.16"E</td> </tr> </tbody> </table>	Boundary Points	WGS 84 Spherical Coordinates		Latitude	Longitude	A	12°53'44.81"N	78° 06'02.32"E	B	12°53'44.18"N	78° 06'00.68"E	C	12°53'47.43"N	78° 05'53.26"E	D	12°53'49.39"N	78° 05'54.36"E	Ref. 1	12°53'37.74"N	78° 05'47.37"E	Ref. 2	12°53'27.95"N	78° 05'14.16"E
Boundary Points	WGS 84 Spherical Coordinates																								
	Latitude	Longitude																							
A	12°53'44.81"N	78° 06'02.32"E																							
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C	12°53'47.43"N	78° 05'53.26"E																							
D	12°53'49.39"N	78° 05'54.36"E																							
Ref. 1	12°53'37.74"N	78° 05'47.37"E																							
Ref. 2	12°53'27.95"N	78° 05'14.16"E																							
4	Type of Mineral	<b>Building Stone Quarry</b>																							
5	New / Expansion / Modification / Renewal	New																							
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land																							
7	Whether the project site fall within ESZ/ESA	No																							



8	Area in Ha	1.416Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,09,462Tons/annum (Average)
14	Quantity of Topsoil/Over burden in cubic meter	Top Soil in the quarrying lease area which would be utilized for afforestation in the green belt area and agricultural purpose.
15	Mineral Waste Handled (Metric Tons/ CUM)	2,233 TPA
16	Project Cost (Rs. In Crores)	1.05crores
17	Environmental Sensitivity	
	a. Nearest Forest	Sorkailahalli State Forest – 0.90 kms(S) Nutve State Forest – 2.08 Kms (N)
	b. Nearest Human Habitation	Devarahalli - 0.30 Kms (NE)
	c. Educational Institutes, Hospital	Malur – 20.23 Km (NW)
	d. Water Bodies	Budikote Dam – 2.19 Kms (NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	2.45
	b. Waste Dumping Area	0.05
	c. Top Soil Storage Area	0.00
	d. Mineral Storage Area	0.10
	e. Infrastructure Area	0.05
	f. Road Area	0.05
	g. Green Belt Area/Buffer Zone	0.80
	h. Unexplored area	--

	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Drinking water: Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.96 KLD
			Domestic	0.54 KLD
			Other	2.00 KLD
			Total	12.5 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease has been notified on 07-11-2019 for 20 years.

As seen from the quarry plan there is a level difference of 3 meters within the mining area and taking this into consideration, the committee opined that 60% of the proposed proved quantity of 572832tons or 220320cum can be mined safely and scientifically to a quarry pit depth of 15meters for a lease period.

As per the combined sketch prepared by DMG there are 4 leases including this lease within 500 meter radius from this lease and the total area of these leases is 14Acres 35guntas and out of which 2 leases with a total area of 7Acre 10 guntas for which the leases were granted prior to 09.09.2013 and the area of the balance 2 leases including this lease being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.36KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.8.0lakh to take up rejuvenation of VoosaraHalli kere which is at a distance of 0.8KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.40** Proposed Grey Granite Quarry Project at Sy.No.106/3 & 6 of Yadiapura Village, Yelburga Taluk, Koppal District (Q.L.No.863) (1-11 Acres) By **M/s. Sri Sai Granites (SEIAA 804 MIN 2019)**

Sl. No	Particulars	Information		
1	Name & Address of the Project Proponent	Building Stone Quarry by Sri. Syed Mohammed Younus, # 49, Behind AllamNababDarga, SirisinaKallu, HosapeteTaluk, Bellari District, Karnataka State		
2	Name & Location of the Project	AQL falling in Part of Survey no 60/1 at Mallapura Village, GangavathiTaluk, Koppal District, Karnataka State.		
3	Co-ordinates of the Project Site	Boundary Pillar	Latitude	Longitude
		A	15° 29' 47.80" N	76° 26' 51.40"E
		B	15° 29' 48.80" N	76° 26' 57.80"E
		C	15° 29' 46.10" N	76° 26' 58.70"E
4	Type of Mineral	Building Stone Quarry		
	New / Expansion / Modification / Renewal	New.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand.		

7	Whether the project site fall within ESZ/ESA		NA
8	Area in Ha		3-00 Acres (1.2142Ha)
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand		NA
10	Depth of Sand proposed to be removed		NA
11	Annual Production Proposed (Metric Tons/ CUM) / Annum		51,020 Tonnes Optimum production( Recovery and Intercalated waste )
12	Quantity of Topsoil/Over burden in cubic meter		Inarticulate waste of quantity 1,020 Tonnes and Top Soil of quantity 3,971Tonnes will be generated during Plan Period.
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		Nil
14	Project Cost (Rs. In Crores)		0.87Crores, i.e 87 Lakhs (Including the cost of machinery and additional preliminary works and working capital etc)
15	Environmental Sensitivity		
	a.	Nearest Forest	<ul style="list-style-type: none"> <li>• Agoli Reserve Forest at 4.5 Km (SW) from project site.</li> <li>• Benakal Reserve Forest at 7.5 Km (S) from project site.</li> </ul>
	b.	Nearest Human Habitation	Udamkal Village- 1.5 Kms (S)
	c.	Educational Institutes, Hospital	Gangavatiat a distance of 11 Kms in East direction from the lease have Educational Institutes, Hospital facilities .
	d.	Water Bodies	<ul style="list-style-type: none"> <li>• MaraliHalla Stream at a distance of 2.0 Km (S) from project site.</li> <li>• Tungabadra left bank canal at a distance of 4.0 Km (E) from project site.</li> </ul>
	e.	Other Specify	Nil
16	Applicability of General Condition of the EIA Notification, 2006		NA
17	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	1-35
	b.	Waste Dumping Area	0-05
	c.	Top Soil Storage Area	0-02
	d.	Mineral Storage Area	0-03
	e.	Infrastructure Area	0-01
	f.	Road Area	--
	g.	Safety Zone/Green Belt Area	0-34
	h.	Unexplored area	--

	i.	Others Specify Safety Zone	--	
18		Method of Mining/ Quarrying	Semi Mechanised Quarrying	
19		Water Requirement		
	a.	Source of water	Near By Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.00
			Domestic	1.35
			for plantation	6.25
			Total	11.60 KLD, App 12 KLD
20		Storm water management plan	Detailed in Environmental Management Plan	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a old lease involving ornamental stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments and Land conversion order. And the lease has been granted on 18.01.2012. As per the audit report prepared by DMG the mining activity has been carried out from 2011-12 to 2013-14 and no mining activity has been carried out since then till date.

As seen from the quarry plan there is a level difference of 4 meters and taking this into consideration and also the fact that he has already mined gross quantity of 1186cum the committee opined that the proposed proved gross quantity of 15313cum can be mined safely and scientifically within the lease period to a depth of 6meters.

The proponent has stated that the recovery is 30% in the form of commercial blocks i.e 4594cum and 70% waste i.e.,10719cum and proponent has stated that he will get this quantity converted into khandas and building stone by obtaining modified quarry plan.

As per the cluster sketch prepared by DMG there are 2 leases including this lease with in the 500 meters radius from this lease and area of these leases being 2Acre 21 Guntas and which being less than the threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 1.5KM connecting the lease area to all weather black topped road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.3.00Lakhs to take up rejuvenation of Benakal kere which is at a distance of 6.0KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.41** Proposed Building Stone Quarry Project at Sy.No.59(P) of Hosahalli Village, Tumkur Taluk & District (3-00 Acres) by **Sri Ashok Kumar H.S. (SEIAA 805 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Ashok Kumar H. S. S/o. Sri. Siddalingayya, Hosahalli Village, Obalapura Post, Tumkur Taluk & District, Karnataka.
2	Name & Location of the Project	"Building Stone Quarry" over an extent of Sy No. 59 , Hosahalli Village, Tumkur Taluk , Tumkur District, Karnataka.

3	Co-ordinates of the Project Site	<b>GPS Readings (Map Datum: WGS-84)</b>		
		<b>GPS Points</b>	<b>Latitude</b>	<b>Longitude</b>
		A	N13°24'06.08"	E77°08'29.02"
		B	N13°24'02.43"	E77°08'31.14"
		C	N13°24'01.15"	E77°08'28.50"
		D	N13°24'04.80"	E77°08'26.06"
4	Type of Mineral	<b>Building Stone Quarry</b>		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.214 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a fresh land		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,40,000 TPA		
14	Quantity of Topsoil/Over burden in cubic meter	4,500 Cu.m.		



15	Mineral Waste Handled (Metric Tons/ CUM)		2,694 TPA	
16	Project Cost (Rs. In Crores)		1.03crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Devarayanadurga State Forest - 1.30 Kms (E) Dasarahalli State Forest – 2.35 Kms (NW)	
	b.	Nearest Human Habitation	Hosahalli - 0.17 kms (SW)	
	c.	Educational Institutes, Hospital	Tumkur 7.20 kms (SW)	
	d.	Water Bodies	Arakere Pond – 2.60 Kms (SW)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	0.900	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	0.020	
	e.	Infrastructure Area	0.010	
	f.	Road Area	0.002	
	g.	Green Belt Area/Buffer Zone	0.252	
	h.	Unexplored area	--	
	i.	Others Specify	0.050	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.88KLD
			Domestic	1.125 KLD
			Other	0.82KLD
			Total	11.825 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proponent was invited for the 236th meeting held on 18-12-2019 to provide required clarification. The proponent remained absent without intimation.



The committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**236.42** Proposed Grey Granite Quarry Project at Sy.No.26 of Kamnoor Village, Koppal Taluk, Koppal District (2.8330 Ha) (7-00 Acres) By **Sri Thimmanna S. Hoolgeri (SEIAA 806 MIN 2019)**

Sl. No	Particulars	Information		
1	Name & Address of the Project Proponent	Grey Granite Quarry by Sri. Thimmanna S. Hoolgeri, S/o Sangappa, # 4243/17, AlmpurPeth, Near Primary School, ward No 7, Ilkal, Bagalkot District, Karnataka State		
2	Name & Location of the Project	AQL falling in Part of Survey no no26at Kamnoor Village, Koppal Taluk, Koppal District, Karnataka State.		
3	Co-ordinates of the Project Site	Boundary Pillar	Latitude	Longitude
		A	15°25'56.80" N	76° 13'25.40" E
		B	15°26'05.00" N	76° 13'25.70" E
		C	15°26'04.90" N	76° 13'19.10" E
3	Co-ordinates of the Project Site	D	15°25'57.20" N	76° 13'24.00" E
4	Type of Mineral	Grey Granite Quarry		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.		
7	Whether the project site fall within ESZ/ESA	NA		
8	Area in Ha	7.0 Acres (2.8330 Ha).		
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	10,000 Cum Optimum production( Recovery and Intercalated waste )		
12	Quantity of Topsoil/Over burden in cubic meter	Inarticulate waste of quantity 3000 cum, and Top Soil of quantity 14,698 Cum will be		

		generated during Plan Period.	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil	
14	Project Cost (Rs. In Crores)	1.10 Crores, i.e. 110 Lakhs (Including the cost of machinery and additional preliminary works and working capital etc)	
15	Environmental Sensitivity		
	a. Nearest Forest	None within 10.0 Kms	
	b. Nearest Human Habitation	Kamnoor Village- 0.9Kms (SE)	
	c. Educational Institutes, Hospital	Genegera at a distance of 8.5Kms in South direction from the lease have Educational Institutes, Hospital facilities .	
	d. Water Bodies	<ul style="list-style-type: none"> <li>• AbbageriKere at a distance of 4.0 Km (E) from project site.</li> <li>• KalkeriKere at a distance of 4.5 Km (W) from project site.</li> <li>• BudisettinahaluKere at a distance of 6.0 Km (W) from project site.</li> <li>• Hire Halla stream flowing from NW to SW at a distance of 8.0 Km (W) from project site.</li> <li>• GenegeraKere at a distance of 8.5 Km (S) from project site.</li> </ul>	
	e. Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006	NA	
17	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	5-03	
	b. Waste Dumping Area	0-11	
	c. Top Soil Storage Area	0-05	
	d. Mineral Storage Area	0-08	
	e. Infrastructure Area	0-01	
	f. Road Area	--	
	g. Safety Zone/Green Belt Area	1-12	
	h. Unexplored area	--	
	i. Others Specify Safety Zone	--	
18	Method of Mining/ Quarrying	Semi Mechanised Quarrying	
19	Water Requirement		
	a. Source of water	Near By Borwell.	
	b. Total Requirement of Water in KLD	Dust Suppression	4.00
		Domestic	1.35
		for plantation	10.00
		Total	15.35 KLD, App 15.50



			KLD
20	Storm water management plan	Detailed in Environmental Management Plan	

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments, Land conversion order and approved from District task force. And as far as lease notification to be issued from C&I dept. the proponent has stated that he will approach the concerned authorities to get the same.

As seen from the quarry plan there is a level difference of 7 meters and taking this into consideration the committee opined that the 80% of the proposed proved gross quantity of 419015cum can be mined safely and scientifically within the lease period to a depth of 20meters.

The proponent has stated that the recovery is 30% in the form of commercial blocks i.e 100563cum and 70% Khandas i.e., 234648cum and the same has been reflected in the quarry plan.

As per the cluster sketch prepared by DMG there are no other leases within the 500 meters radius from this lease and the area of this being 7Acre which being less than the threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 50meter connecting the lease area to all weather black topped road and the proponent has defended this proximity of lease area to the public road stating that the mode of mining involved is non blasting.

As far as CER is concerned the proponent has stated that he has earmarked Rs.60.00Lakhs to take up rejuvenation of Kammanoor kere which is at a distance of 0.6KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.43** Proposed Building Stone Quarry Project at Sy.No.16 of Pullasandra Village, Tumkur Taluk & District (Q.L.No.784) (3-00 Acres) by **M/s. Abhimani Publications Ltd. (SEIAA 807 MIN 2019)**

The proponent was invited for the 236th meeting held on 18-12-2019 to provide required clarification. The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

**Action: Secretary, SEAC to put up the proposal before SEAC in Subsequent meeting.**

**By permission of Chair:**

**236.44** Proposed "Building Stone Quarry" over an extent of 4-00 Acres at Sy.No.75, Murundi Village, Arasikere Taluk, Hassan District by **M/s. Jenukal Industries (SEIAA 341 MIN 2019)**

The proposal was placed before the committee for appraisal.

The proponent was invited for the 226<sup>th</sup> meeting held on 10-7-2019 to provide required clarification. The proponent remained absent without intimation.

The Committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Jenukal Industries, #3495, Lakshmipura, Behind BSNL, Arasikere, Hassan District, Karnataka-573164



2	Name & Location of the Project	"Building Stone Quarry" Of M/s. Jenukul Industries, Sy No.75, Annanai Kanahalli Village, Arasikere Taluk, Hassan District, Karnataka
3	Co-ordinates of the Project Site	Latitude:N13°16'56" Longitude:E76°17' 59.9"
4	Type of Mineral	<b>Building Stone Quarry</b>
5	New / Expansion / Modification / Renewal	Expansion (QL No: HMG 508)
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.6 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,00,000 TPA as Building stone for the 5 years of plan period
14	Quantity of Topsoil/Over burden in cubic meter	No top soil
15	Mineral Waste Handled (Metric Tons/ CUM)	Total 52,630Tons for 1 <sup>st</sup> 5 years



16	Project Cost (Rs. In Crores)	8.80crores	
17	Environmental Sensitivity		
	a. Nearest Forest	None within 5kms	
	b. Nearest Human Habitation	Annanai kanahalli village-0.60 kms (SE)	
	c. Educational Institutes, Hospital	Arasikere -6.58 kms (NE)	
	d. Water Bodies	Byramudi pond-3.26 Kms(NW) Haranahalli pond-4.68Kms(SE)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	--	
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	2-03	
	b. Waste Dumping Area	0-02	
	c. Top Soil Storage Area	0-06	
	d. Mineral Storage Area		
	e. Infrastructure Area		
	f. Road Area	0-02	
	g. Green Belt Area/Buffer Zone	1-00	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Potable Drinking water will be supplied to the persons working in the quarry bydisinfected and cleaned water tank/ cans.	
	b. Total Requirement of Water in KLD	Dust Suppression	12.28 KLD
		Domestic	0.50KLD
		Other	0.52KLD
		Total	13.3KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

The proponent and Environment consultant attended the 236th meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility

report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a old lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease deed has been executed on 2.12.2015 and the EC for the same has been obtained on 27.11.2015 and the proponent has stated that he has not carried out any mining activity since then till date and the same has been reflected in the audit report prepared by DMG.

As seen from the quarry plan there is a level difference of 11 meters within the mining area and taking this into consideration, the committee opined that 35% of the proposed proved quantity of 2067282tons or 765660cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

The proponent has claimed exemption from cluster effect for this lease in view of the fact that the EC was issued for the same prior to 15.01.2016.Hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.24KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.5.0lakh to take up rejuvenation of Gollarahalli pond which is at a distance of 1.45KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.45** Proposed "Building Stone Quarry" over an extent of 2-03 Acres at Sy.No.59, Kalgundi Village, Arasikere Taluk, Hassan District, **by Sri. G.B Siddesh (SEIAA 338 MIN 2019)**

The proposal was placed before the committee for appraisal.



The proponent was invited for the 226<sup>th</sup> meeting held on 10-7-2019 to provide required clarification. The proponent remained absent without intimation.

The Committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. G. B. Siddesh Manager: M/s. Jenukul Industries, #3495, Lakshmipura, Behind BSNL, Arasikere, Hassan District, Karnataka-573164
2	Name & Location of the Project	"Building Stone Quarry" Of Sri. G. B. Siddesh,Sy No.59, Kallugundi Village, Arasikere Taluk, Hassan District, Karnataka
3	Co-ordinates of the Project Site	Latitude:N13°28'45.6" Longitude:E76°17' 30.7"
4	Type of Mineral	<b>Building Stone Quarry</b>
5	New / Expansion / Modification / Renewal	Expansion (QL No: HMG 492)
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.8316Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification	NA



	of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,00,000 TPA as Building stone for the 5 years of plan period	
14	Quantity of Topsoil/Over burden in cubic meter	No top soil	
15	Mineral Waste Handled (Metric Tons/ CUM)	Total 23,315Tons for 1 <sup>st</sup> 5 years	
16	Project Cost (Rs. In Crores)	4.89crores	
17	Environmental Sensitivity		
	a. Nearest Forest	None within 5kms	
	b. Nearest Human Habitation	Kallugundi village-2.38 kms (SE)	
	c. Educational Institutes, Hospital	Arasikere -18.75kms (S)	
	d. Water Bodies	Narasipura pond-4.34 Kms(S)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	--	
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	1-02	
	b. Waste Dumping Area	0-02	
	c. Top Soil Storage Area	0-03	
	d. Mineral Storage Area		
	e. Infrastructure Area		
	f. Road Area	0-02	
	g. Green Belt Area/Buffer Zone	0-34	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Potable Drinking water will be supplied to the persons working in the quarry by disinfected and cleaned water tank/ cans.	
	b. Total Requirement of Water in KLD	Dust Suppression	11.4KLD
		Domestic	0.50KLD
		Other	0.5KLD
		Total	12.4KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific	NA	



	to the project (Specify)	
--	--------------------------	--

The proponent and Environment consultant attended the 236th meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a old lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease deed has been executed on 16.11.2015 and the EC for the same has been obtained on 20.10.2015 and the proponent has stated that he has not carried out any mining activity since then till date and the same has been reflected in the audit report prepared by DMG.

As seen from the quarry plan there is a level difference of 11 meters within the mining area and taking this into consideration, the committee opined that 25% of the proposed proved quantity of 917914tons or 339968cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

The proponent has claimed exemption from cluster effect for this lease in view of the fact that the EC was issued for the same prior to 15.01.2016.Hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.36KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.0lakh to take up rejuvenation of Kallagundi pond which is at a distance of 1.35KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.46** Proposed Building Stone Quarry Project at Sy.No.129 of Nutave Village, Malur Taluk, Kolar District (Q.L.No.1003) (10-00 Acres) **by Sri S.N. Srinivasa Shetty (SEIAA 544 MIN 2019)**

The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent was invited for the 230<sup>th</sup> meeting held on 13-9-2019 to provide required clarification. The proponent remained absent without intimation.

Hence, the Committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	"Building Stone Quarry" of Sri S N Srinivasa Shetty S/o Late Narayana Shetty, Shivarapattana Village, Malur Taluk, Kolar District, Karnataka-563130																		
2	Name & Location of the Project	"Building Stone Quarry" Sy. No: 129 , Nutave Village, Malur Taluk, Kolar District, Karnataka.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Corner Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td colspan="3" style="text-align: center;">WGS-84</td> </tr> <tr> <td>A</td> <td>N12° 55' 37.6893"</td> <td>E78° 04' 58.0172"</td> </tr> <tr> <td>B</td> <td>N12° 55' 38.5649"</td> <td>E78° 05' 05.5342"</td> </tr> <tr> <td>C</td> <td>N12° 55' 44.9137"</td> <td>E78° 05' 04.8057"</td> </tr> <tr> <td>D</td> <td>N12° 55' 44.1890"</td> <td>E78° 04' 58.2117"</td> </tr> </tbody> </table>	Corner Points	Latitude	Longitude	WGS-84			A	N12° 55' 37.6893"	E78° 04' 58.0172"	B	N12° 55' 38.5649"	E78° 05' 05.5342"	C	N12° 55' 44.9137"	E78° 05' 04.8057"	D	N12° 55' 44.1890"	E78° 04' 58.2117"
Corner Points	Latitude	Longitude																		
WGS-84																				
A	N12° 55' 37.6893"	E78° 04' 58.0172"																		
B	N12° 55' 38.5649"	E78° 05' 05.5342"																		
C	N12° 55' 44.9137"	E78° 05' 04.8057"																		
D	N12° 55' 44.1890"	E78° 04' 58.2117"																		
4	Type of Mineral	<b>Building Stone Quarry</b>																		
5	New / Expansion / Modification / Renewal	Expansion(QL No-1003)																		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government land																		
7	Whether the project site fall within ESZ/ESA	No																		
8	Area in Ha	4.04 Ha																		
9	Actual Depth of sand in the lease	NA																		

	area in case of River sand	
10	Depth of Sand proposed to be removed	It's a Building Stone Quarry
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,04,720 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	As per the proposed quarry ingprogramme over five year, no generation of top soil, however if any small quantity generated it will be stocked & used for afforestation purposes.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	6,219 TPA
16	Project Cost (Rs. In Crores)	0.85 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None Within 5kms
	b. Nearest Human Habitation	Haradakothur-0.21Kms(NE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Malur – 20.00 Km (NW)
	d. Water Bodies	Thoralakki Pond-1.5Kms(S)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	7.60
	b. Waste Dumping Area	0.50
	c. Mineral Storage Area	0.25
	d. Infrastructure Area	0.05
	e. Road Area	0.10
	f. Buffer Zone	1.50
	g. Unexplored area	--
	h. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation
21	Rate of Replenishment in	NA

	case River sand project			
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	8.56 KLD
			Domestic	1.57 KLD
			Other	1.22 KLD
			Total	11.35 KLD
23	Storm water management plan		<ul style="list-style-type: none"> <li>•Drains will be constructed along the boundary of activity area</li> <li>•Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season</li> </ul>	

The proponent and Environment consultant attended the 236th meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a old lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept in 2012. The lease deed has been executed initially on 16.06.2006 and further renewed in 24.03.2018 and the EC for the same has been obtained on 28.03.2013 and the proponent has stated that he has not carried out any mining activity since then till date and the same has been reflected in the audit report prepared by DMG.

As seen from the quarry plan there is a level difference of 18 meters within the mining area and taking this into consideration, the committee opined that 80% of the proposed proved quantity of 2577276tons or 991260cum can be mined safely and scientifically to a quarry pit depth of 25meters for a lease period.

The proponent has claimed exemption from cluster effect for this lease in view of the fact that the EC was issued for the same prior to 15.01.2016.Hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.35KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.40.0lakh to take up rejuvenation of Markanda kere which is at a distance of 1.25KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.47** Building Stone Quarry Project at Sy.No.76 of Korenahalli Village, Arasikere Taluk, Hassan District (2-00 Acres) (Q.L.No.HMG 398) by **M/s. Rakshitha Industries (SEIAA 751 MIN 2019)**

The proponent was invited for the 235<sup>th</sup> meeting held on 03-12-2019 to provide required clarification. The proponent remained absent without intimation.

The committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. A B Eshwar S/o. A S Basavaraju, M/s. Rakshitha Industries, Shanubogara Beedi, Arasikere Taluk, Hassan District, Karnataka - 573103.		
2	Name & Location of the Project	"Building Stone Quarry" of M/s. Rakshitha Industries, Sy No. 76, Korenahalli village, Arasikere Taluk, Hassan District, Karnataka.		
3	Co-ordinates of the Project Site	<b>Corner Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	N 13° 21' 46.6"	E 76° 09' 54.9"
		B	N 13° 21' 44.4"	E 76° 09' 55.0"

		C	N 13° 21' 44.4"	E 76° 09' 50.9"
		D	N 13° 21' 47.0"	E 76° 09' 51.1"
		<b>WGS-84 DATUM</b>		
4	Type of Project	<b>Building Stone</b>		
5	New / Expansion / Modification / Renewal	Renewal (QL No. HMG - 398)		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.809 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	797 mts RL		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,00,000TPA		
14	Quantity of Topsoil/Over burden in cubic meter	2225.77 cu.m		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	5,263TPA		
16	Project Cost (Rs. In Crores)	1.03crores		
17	Environmental Sensitivity			
	a.	Nearest Forest	Bettadapura Reserved Forest - 2.00 Kms (S)	
	b.	Nearest Human Habitation	Korenahalli village – 1.1 kms(SE)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Arasikere – 10.10 kms (SE)	
	d.	Water Bodies	Byrapura Pond - 2.80 Kms (SW)	

	e.	Other Specify	--	
18		Applicability of General Condition of the EIA Notification, 2006	NA	
19		Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying	1-14	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil yard	0-02	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area	0-22	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanised Method	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.45KLD
			Domestic	1.22KLD
			Other	1.55KLD
			Total	12.22 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

The proponent and Environment consultant attended the 236th meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a old lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOC from Forest in 2013. The lease deed has been executed on 08.06.2006 and the proponent has stated that he has not carried out mining activity up to 2012 and no mining activity has been carried out since then till date and the same has been reflected in the audit report prepared by DMG.

As seen from the quarry plan there is a level difference of 03 meters within the mining area and also the fact he has already mined 11394tons taking this into consideration, the



committee opined that 20% of the proposed proved quantity of 231236cum or 624337tons can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

The proponent has claimed exemption from cluster effect for this lease in view of the fact that the lease was granted for the same prior to 09.09.2013. Hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.24KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.4.0lakh to take up rejuvenation of Koranahalli pond which is at a distance of 1.25KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.48** Proposed Multistory Residential Apartment Project at Sy.Nos.74 & 75 of Ganigarahalli Village, Yeshwanthpur Hobli, Bangalore North Taluk, Bangalore Urban District by **M/s. Rajiv Gandhi Rural Housing Corporation Ltd.(SEIAA 161 CON 2019)**

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Rajiv Gandhi Rural Housing Corporation Ltd., # Cauvery Bhavan, 9th Floor, E & F Block, K.G. Road, Bangalore-560009
2	Name & Location of the Project	Proposed Multi Storey Residential Flats Under "1 Lakh Multi Storey Bengaluru Housing Programme" at Sy. No. 74 & 75, Ganigarahalli Village, Yeshwanthpur Hobli, Bangalore North Taluk, Bangalore.
3	Co-ordinates of the Project Site	13°05'53.27"N 77°30'20.51"E
4	Environmental Sensitivity	



	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	NA
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	NA
5		Type of Development	Residential Building
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Building
	b.	Residential Township/ Area Development Projects	NA
6		Plot Area (Sqm)	23,370.60 m <sup>2</sup>
7		Built Up area (Sqm)	55,507.05 m <sup>2</sup>
8		Building Configuration Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential building Residential Building configuration = Block -A : G+13UF (830 units) Block -B : G+11UF (203 units)
9		Number of units in case of Construction Projects	NA
10		Number of Plots in case of Residential Township/ Area Development Projects	1033 Units
11		Project Cost (Rs. In Crores)	Rs. 108.15
12		Recreational Area in case of Residential Projects / Townships	NA
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	4,168.16 Sqm (17.84%)
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,337.36 sqm (10%)
	d.	Internal Roads	5 mts Width
	e.	Paved area	4640.71 Sqm (19.86%)
	f.	Others Specify	Road widening area is 255.19 Sqm (1.09%), Civic amenity area is 1,168.63 Sqmt (5.0%), Road area is 6,871.36 Sqmt (29.40%), Services & open space



			area is 3,929.19 Sqm (16.81%)	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total		
14	Details of demolition debris and / or Excavated earth			
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	NA	
	b.	Total quantity of Excavated earth (in cubic meter)	34,000	
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 14,000 For Landscape= 10,000 For Internal Road making =10, 000	
	d.	Excess excavated earth (in cubic meter)	NA	
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA	
15	WATER			
	I.	Construction Phase		
	a.	Source of water	BWSSB STP treated water	
	b.	Quantity of water for Construction in KLD	50 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	600
			Total	600
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	540	
	d.	STP capacity	540 KLD	
	e.	Technology employed for Treatment	SBR System	

	f.	Scheme of disposal of excess treated water if any	Excess 363 KLD treated water will be disposed to sewer line
16		Infrastructure for Rain water harvesting	
	a.	Capacity of sump tank to store Roof run off	500 m <sup>3</sup>
	b.	No's of Ground water recharge pits	24 No's
17		Storm water management plan	Enclosed in EMP
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Shall be disposed through BBMP Authorised vendors.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1170kg/day converted in to organic manure and used for garden
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	780 Kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80 Lts/one B check given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	100 Kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	2582 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	160 kVA x 1No. & 200 kVA X 1 No
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	18% we have achieved
20		PARKING	
	a.	Parking Requirement as per norms	362
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed



	c.	Internal Road width (RoW)	5 mts
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The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report and clarification/additional information provided during the meeting.

As seen from the village survey map there are no water bodies which attracts buffer zone as per the norms.

This is a project which comes under PMAY and Chief Minister one lakh Bangalore housing scheme under affordable housing scheme. This being the special scheme the proponent has stated that he is likely to get following relaxations for which UDD in principle has agreed.

1. Approach road width a) For G+3 Model from 9meter to 7meter b) S+14 Model From 12 Meter to 9 meter
2. FAR – Up to 3 as against 1.75 to 2.25
3. Corridor width – From 2meter to 1.8meter
4. Parking- a)1 car parking for every six houses of 1 BHK b) 1 car parking for every two houses of 2 BHK
5. To convert the stilt floor to accommodate Physically handicapped persons to an extent of 2% of the total number of units.
6. Set backs a) For G+3 construction – 3meters against 5meters b) For towers which are more than G+3 upper floors-5Meters against 50% of the total height of the towers.

As per the records the greenery area is about 23.5% of the total area and the proponent has stated that he will plant 300species as mandated. The proponent has also stated that he will built separate rain water storage tanks of capacity 300cum for storing the rainwater generated from hard paved area in addition to 500cum water storing capacity already proposed for storing water from the terrace. The proponent has also stated that he will allocate terrace area for the individual occupants who come forward to install solar water heaters.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Only registered labours should be employed.

4. For drinking purpose instead of RO water ozonised water shall be used.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.49** Proposed Multistory Residential Apartment Project at Sy. No. 67, Gulimangala Village, Sarjapura Hobli, Anekal Taluk, Bangalore by **M/s. Rajiv Gandhi Rural Housing Corporation Ltd.(SEIAA162 CON 2019)**

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Rajiv Gandhi Housing Corporation Ltd., # Cauvery Bhavan, 9th Floor, E & F Block, K.G. Road, Bangalore-560009
2	Name & Location of the Project	Proposed Multi STOREy Residential Flats Under "1 Lakh Multi STOREy Bengaluru Housing Programme" at Sy. No. 67, Gulimangala Village, Sarjapura Hobli, Anekal Taluk, Bangalore.
3	Co-ordinates of the Project Site	12°51'02.27"N 77°41'37.37"E
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.
5	Type of Development	Residential Building
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other
	b.	Residential Township/ Area Development Projects
6	Plot Area (Sqm)	14973.35 m <sup>2</sup>
7	Built Up area (Sqm)	28909.04 m <sup>2</sup>
8	Building Configuration Number	Residential building

	of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Building configuration = 1 BHK: S+12UF (368 units) 2 BHK: S+9 UF (166 units)
9	Number of units in case of Construction Projects	NA
10	Number of Plots in case of Residential Township/ Area Development Projects	534 Units
11	Project Cost (Rs. In Crores)	Rs. 35
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 2520.04 Sqm (16.83%)
	b.	Kharab Land NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 1,510.23 sqm (10.09%)
	d.	Internal Roads 5 mts Width
	e.	Paved area 2420.34 Sqm (16.16%)
	f.	Others Specify Civic amenity area is 750.30 Sqmt (5.01%), Road area is 4,325.78 Sqmt (28.89%), commercial area is 302.12 Sqm (2.02%), and open space area is 2451.28 Sqm (16.37%)
	g.	Parks and Open space in case of Residential Township/ Area Development Projects NA
	h.	Total
14	Details of demolition debris and / or Excavated earth	
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable NA
	b.	Total quantity of Excavated earth (in cubic meter) 22,000
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter) For back filling = 8,000 For Landscape= 7,000 For Internal Road making =7, 000
	d.	Excess excavated earth (in cubic meter) NA
	e.	Plan for scientific disposal of NA

		excess excavated earth along with Coordinate of the site proposed for such disposal	
15	WATER		
	I. Construction Phase		
	a.	Source of water	BWSSB STP treated water
	b.	Quantity of water for Construction in KLD	50 KLD
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD
	d.	Waste water generation in KLD	4KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant
	II. Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh 315
			Total 315
	b.	Source of water	BWSSB
	c.	Waste water generation in KLD	285
	d.	STP capacity	338 KLD
	e.	Technology employed for Treatment	SBR System
	f.	Scheme of disposal of excess treated water if any	Excess 120 KLD treated water will be disposed to sewer line
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to sTORe Roof run off	150 m <sup>3</sup>
	b.	No's of Ground water recharge pits	15 No's
17	Storm water management plan		Enclosed in EMP
18	WASTE MANAGEMENT		
	I. Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Shall be disposed through BBMP Authorised vendors.
	II. Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	621 kg/day converted in to organic manure and used for garden
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	414 Kg/day given to PCB authorized recycler



	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	10-50 Lts/one B check given to PCB authorized recycler
	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	60 Kg/year given to PCB authorized recycler
19		POWER	
	a.	Total Power Requirement - Operational Phase	1335 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	160 kVA x 2Nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	12 % we have achieved
20		PARKING	
	a.	Parking Requirement as per norms	146
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed
	c.	Internal Road width (RoW)	5 mts

The proponent and Environment consultant attended the 236th meeting held on 17-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report and clarification/additional information provided during the meeting.

As seen from the village survey map there is one nala at a distance of 48.1meters on the eastern side of the project site and Chickanagamangala kere at a distance of 56.63meters on the northern side of the project site. In view of the above the proponent has claimed that there is not be any overlapping buffer zone in his project site.

This is a project which comes under PMAY and Chief Minister one lakh Bangalore housing scheme under affordable housing scheme. This being the special scheme the proponent has stated that he is likely to get following relaxations for which UDD in principle has agreed.

1. Approach road width a) For G+3 Model from 9meter to 7meter b) S+14 Model From 12 Meter to 9 meter
2. FAR – Up to 3 as against 1.75 to 2.25



3. Corridor width – From 2meter to 1.8meter
4. Parking- a)1 car parking for every six houses of 1 BHK b) 1 car parking for every two houses of 2 BHK
5. To convert the stilt floor to accommodate Physically handicapped persons to an extent of 2% of the total number of units.
6. Set backs a) For G+3 construction – 3meters against 5meters b) For towers which are more than G+3 upper floors-5Meters against 50% of the total height of the towers.

As per the records the greenery area is about 20.23% of the total area and the proponent has stated that he will plant 200species as mandated. The proponent has also agreed to take up avenue plantation all along the road running on eastern side of the project site.The proponent has also stated that he will built separate rain water storage tanks of capacity 100cum for sTORing the rainwater generated from hard paved area in addition to 150cum water sTORing capacity already proposed for sTORing water from the terrace. The proponent has also stated that he will allocate terrace area for the individual occupants who come forward to install solar water heaters.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Only registered labours should be employed.
4. For drinking purpose instead of RO water ozonised water shall be used.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.50**Proposed Shahabad Stone Quarry over an extent of 2-00 Acre of patta land bearing Sy.No.165/2, Malagatti Village, Chittapur Taluk, Kalburgi District **by Sri. Ameen Pasha(SEIAA 300 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Ameenpasha S/o. Sri. Mashak Patel R/oH.No.29, Nrupathunga Colony Shahabad Road, Kalburgi District , Karnataka Email id: enviprogroup@gmail.com



2	Name & Location of the Project	Shahabad Stone Quarry in an extent of 2-00 Acres of Patta Land bearing Sy. No. 165/2 of Malagatti Village, Chittapur Taluk, Kalburgi District.		
3	Co-ordinates of the Project Site	<b>Point</b>	<b>Latitude</b>	<b>Longitude</b>
		A	N 17°06'13.0"	E 76°59'28.2"
		B	N 17°06'10.3"	E 76°59'28.2"
		C	N 17°06'10.2"	E 76°59'26.1"
D	N 17°06'13.2"	E 76°59'24.1"		
4	Type of Mineral	Shahabad stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.8093 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	23,900 (Avg.) Tons/ Annum		
14	Quantity of Topsoil/Overburden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	15,933 Tons/Annum		
16	Project Cost (Rs. In Crores)	0.15		
17	Environmental Sensitivity			
	a.	Nearest Forest	None within the 5 km radius	
	b.	Nearest Human Habitation	Chittapur – 10.00 Km	
	c.	Educational Institutes,	Kalburgi-31.5 Km	

	Hospital	
	d. Water Bodies	Unnamed Kere 830m E-NE Unnamed Kere 920m SE Unnamed Kere 4.3 Km SE Unnamed Kere 2.14 Km S-SW Unnamed Kere 150m W Ravur Halla 1.6 Km SW Unnamed Kere 560m W-NW Unnamed Kere 510m NW Kagna River 3.3 Km W-NW Nandana Halla 3.7 Km W-NW Doddahalla 3.4 Km SE Kannur Kere 8.3 Km SW Bhima River 9.7 Km SW Katta Halla 8.9 Km SW Oddarwadi Kere 7.1 Km W-SW Puran Shahabad Kere 8.3 Km W-NW Unnamed Kere 7.6 Km N-NW
	e. Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	0-17
	b. Waste Dumping Area	0-01
	c. Top Soil Storage Area	-
	d. Mineral Storage Area	-
	e. Infrastructure Area	0-01
	f. Road Area	0-01
	g. Green Belt Area	0-19
	h. Undisturbed area	1-01
	i. Others Specify	-
20	Method of Mining/ Quarrying	Opencast Semi-mechanized
21	Rate of Replenishment in case River sand project	NA
22	Water Requirement	

The proposal was placed before the committee for appraisal.

The proponent was invited for the 221<sup>st</sup> meeting held on 28-4-2019 to provide required clarification. During the appraisal it was observed from the records that there are numerous abandoned quarry pits in the study area for which proponent has stated that he will come back with proper surveying atleast one kilometer radius from the quarry lease.

The Committee after discussion and deliberation decided to defer the subject till the submission of the above information.

In continuation with the above the proponent and consultant attended the meeting on 18.12.2019 in pursuant to the report about the abandoned quarry pits within the 1KM radius from this lease area and according to this there are three operating quarries and 52 abandoned quarry pits which were operated from 1962 to 2012 from Shahbad stone quarry syndicate and all these activities are carried out before these minor minerals were brought under EC domain.

The committee noted that this is a fresh lease involving Shahbad stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease has been notified on 02-08-2018 for 20 years.

As seen from the quarry plan there is no level difference within the mining area and taking this into consideration, the committee opined that the proposed proved quantity of 9053cum or 199166sqm can be mined safely and scientifically.

As per the combined sketch prepared by DMG there are 5 leases including this lease within 500 meter radius from this lease and the total area of these leases is 9Acres 27 guntas and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 100meters connecting lease area to all weather black topped road.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.51** Proposed Building Stone (M-Sand) Quarry Project at Sy.No.56 & 57, of Kowthamaranahalli Village, Tumkur Taluk, Tumkur District in an area of 2-00 Acers **by Sri M. Srinivasa (SEIAA 410 MIN 2019)**

The proposal was placed before the committee for appraisal.



The proponent was invited for the 227<sup>th</sup> meeting held on 24-7-2019 to provide required clarification. The proponent remained absent without intimation.

The Committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri.M.Srinivasa S/o L.N.Murthy New Pump House Road, 2nd Cross, Banashankari, Tumkur - 572102		
2	Name & Location of the Project	"Building. Stone (M-Sand)Quarry" of Sri.M.Srinivasa at Sy No:56 & 57, Kowthamaranahalli Village, Tumkur Taluk, Tumkur District.		
3	Co-ordinates of the Project Site	<b>Corner Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	N 13° 15' 37.1"	E 77° 08' 09.5"
		B	N 13° 15' 40.5"	E 77° 08' 10.7"
		C	N 13° 15' 40.6"	E 77° 08' 12.1"
		D	N 13° 15' 37.8"	E 77° 08' 11.9"
		E	N 13° 15' 37.6"	E 77° 08' 12.6"
		F	N 13° 15' 36.1"	E 77° 08' 11.2"
<b>MAP DATUM -WGS -84</b>				
4	Type of Project	<b>Building Stone (M-Sand) Quarry</b>		
5	New / Expansion / Modification / Renewal	Renewal (QL No .722)		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government KharabLand		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.809Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of	It's Building Stone (M-sand) Quarry.		

	river sand mining as specified in the sustainable sand mining guideline 2016	
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	841 m of Existing pit level.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	32,001 TPA for 5 years plan period
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	653 tons per annum
16	Project Cost (Rs. In Crores)	2.61crores
17	Environmental Sensitivity	
	a. Nearest Forest	None within 5 kms
	b. Nearest Human Habitation	Kowthamaranahalli village-1.15Kms(SE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Tumkur - 6.60 Kms (N)
	d. Water Bodies	Holakallu Pond - 1.60 Kms (S) Kallahalli Pond - 2.20 Kms (N)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	0.440
	b. Waste Dumping Area	--
	c. Top Soil yard	--
	d. Mineral Storage Area	0.050
	e. Infrastructure Area	0.010
	f. Road Area	0.080
	g. Buffer Area	--
	h. Unexplored area	0.197
	i. Others Specify	0.032
20	Method of Mining/ Quarrying	Semi Mechanised Method
21	Rate of Replenishment in case River sand project	NA
22	Water Requirement	
	a. Source of water	Borewell from the village
	b. Total Requirement of Water	Dust Suppression   9.0KLD

	in KLD	Domestic	0.9KLD
		Other	1.00 KLD
		Total	10.9 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a old lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease deed has been executed on 24.9.2009 for 10 years and he has carried out mining from 2009-10 to 2013-14 and further no mining activity has been carried out since then till date and the same has been reflected in the audit report prepared by DMG.

As seen from the quarry plan there is a level difference of 8 meters within the mining area and taking this into consideration, and also the fact that he has already mined 20516tons the committee opined that 80% of the proposed proved quantity of 148596tons or 53070cum can be mined safely and scientifically to a quarry pit depth of 15meters for a lease period.

The proponent has claimed exemption from cluster effect for this lease in view of the fact that the lease was granted for the same prior to 09.09.2013. Hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 200meters connecting lease area to the all weather black topped road formed by old lessees.

As far as CER is concerned the proponent has stated, that he will earmark Rs.3.0lakh to take up rejuvenation of Kowthamaranahalli kere which is at a distance of 1.55KM from the project site.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.



2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.52** Proposed Building Stone (M-Sand) Quarry Project at Sy.No.66 of Kanagala Village, Malur Taluk, Kolar District in an area of 4-00 Acers **By Sri Manjunath.K.B(SEIAA 655 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Manjunath .K.B. S/o Chikkabyanna, Kommanahalli Village, Tekal Hobli, Malur Taluk, Kolar District.		
2	Name & Location of the Project	"Building Stone (M-Sand) Quarry" of Sri. Manjunath .K.B Sy No. 66, Kanagala Village, Malur Taluk, Kolar District		
3	Co-ordinates of the Project Site	<b>Corner Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	N 12° 57' 04.79"	E 78° 04' 42.55"
		B	N 12° 57' 0.46"	E 78° 04' 42.67"
		C	N 12° 56' 0.45"	E 78° 04' 38.69"
		D	N 12° 5 7'04.28"	E 78° 04' 38.15"
<b>MAP DATUM -WGS-84 DATUM</b>				
4	Type of Mineral	<b>Building Stone Quarry</b>		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land		

7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.618Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,00,000Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	There is 0.5 mtr i.e., 12,000 cu. m. topsoil
15	Mineral Waste Handled (Metric Tons/ CUM)	5,263Tons/annum
16	Project Cost (Rs. In Crores)	1.52crores
17	Environmental Sensitivity	
	a. Nearest Forest	Nutve State Forest-3.80 Kms(SE) Tykal State Forest – 4.30 kms (N)
	b. Nearest Human Habitation	Kanagala Village – 0.35 Kms (NE)
	c. Educational Institutes, Hospital	Bangarpet – 11.10 kms (NE)
	d. Water Bodies	Nelahalli pond- 2.40 NE Seethahalli pond-3.05 Km SW
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	2-27
	b. Waste Dumping Area	0-01
	c. Top Soil Storage Area	0-01
	d. Mineral Storage Area	

	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	1-10	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.0 KLD
			Domestic	1.0 KLD
			Other	1.5 KLD
			Total	11.5 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease has been notified on 31-07-2019 for 20 years.

As seen from the quarry plan there is a level difference of 26 meters within the mining area and taking this into consideration, the committee opined that 50% of the proposed proved quantity of 1299439tons or 488511cum can be mined safely and scientifically to a quarry pit depth of 15meters for a lease period.

As per the combined sketch prepared by DMG there are 8 leases including this lease within 500 meter radius from this lease and out of which 5 leases were exempted from cluster effect due to the fact that either the ECs were issued prior to 15.01.2016 or leases were granted prior to 9.9.2013. The total area of remaining three leases including this lease is 12Acres and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 240meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.12.0 lakh to take up rejuvenation of Kommanahalli pond which is at a distance of 0.95KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.53 Proposed Building Stone (M-Sand) Quarry Project at Sy.No.66 of Kanagala Village, Tekal Hobli, Malur Taluk, Kolar District (2-00 Acres) by Sri B. Anand (SEIAA 658 MIN 2019)**

SI. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	Sri. B. Anand S/o Dodda Bychappa, Kommanahalli Village, Tekal Hobli, Malur Taluk, Kolar District. – 563137	
2	Name & Location of the Project	"Building Stone (M-Sand) Quarry" of Sri. B. Anand Sy No. 66, Kanagala Village, Tekal Hobli, Malur Taluk, Kolar District, Karnataka.	
3	Co-ordinates of the Project Site	<b>Latitude</b>	<b>Longitude</b>
		N 12° 57' 6.05"	E 78° 04' 42.00"
		N 12° 57' 4.79"	E 78° 04' 42.55"
		N 12° 57' 4.28"	E 78° 04' 38.15"
		N 12° 57' 2.85"	E 78° 04' 38.03"
		N 12° 57' 2.55"	E 78° 04' 36.91"

		N 12° 57' 4.94"	E 78° 04' 35.95"
4	Type of Project	<b>Building Stone Quarry</b>	
5	New / Expansion / Modification / Renewal	New	
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land	
7	Whether the project site fall within ESZ/ESA	No	
8	Area in Ha	0.809Ha	
9	Actual Depth of sand in the lease area in case of River sand	NA	
10	Depth of Sand proposed to be removed in case of River sand	NA	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.	
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a Fresh Land	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	25,000 TPA	
14	Quantity of Topsoil/Over burden in cubic meter	There is 0.6 mtr i.e., 2,500 cu. m. topsoil	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,316 tons per annum	
16	Project Cost (Rs. In Crores)	1.35crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Nutve State Forest-3.80 Kms (SE)	



		Tykal State Forest – 4.30 kms (N)
	b.	Nearest Human Habitation Kanagala Village – 0.35 Kms (NE)
	c.	Educational Institutes, Hospital The nearest post and telegraph office, hospital, schools, police station is situated in Bangarpet – 10.50Kms(NE)
	d.	Water Bodies Nelahalli pond- 2.40 NE Seethahalli pond-3.05 Km
	e.	Other Specify --
18	Applicability of General Condition of the EIA Notification, 2006 NA	
19	Details of Land Use in Acres	
	a.	Area for Mining/ Quarrying 0-38
	b.	Waste Dumping Area 0-01
	c.	Top Soil yard
	d.	Mineral Storage Area 0-02
	e.	Infrastructure Area
	f.	Road Area 0-01
	g.	Buffer Area 0-38
	h.	Unexplored area --
	i.	Others Specify --
20	Method of Mining/ Quarrying Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project NA	
22	Water Requirement	
	a.	Source of water Borewell from the village
	b.	Total Requirement of Water in KLD
		Dust Suppression 9.20KLD
		Domestic 1.57 KLD
		Other 1.23 KLD
	Total 12.0 KLD	
23	Storm water management plan Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify) NA	

The proponent was invited for the 233<sup>th</sup> meeting held on 30-10-2019 to provide required clarification. The proponent remained absent.

The committee after discussion decided to provide one more opportunity to proponent with an intimation that the proposal will be appraised based on merit in his absence, in case he remains absent and deferred the subject.

The proponent and Environment consultant attended the 236th meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

As seen from the records this lease proposal was rejected for the reason that there is an Majare village within 200meter from the lease area and the proponent has approached the Honourable High court and court has set aside the rejection order and directed the authorities to take suitable action in this matter. Owing to this the authorities have reversed their earlier decision and notification for grant of lease has been issued on 31.07.2019. And the proponent has stated that he will take all precautions by erecting permanent dust screen to a height of 10meters all along the northern side of the lease area.

The committee noted that this is a fresh lease involving building stone (M-sand) mining in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept.

As seen from the quarry plan there is a level difference of 18 meters within the mining area and taking this into consideration, the committee opined that 35% of the proposed proved quantity of 497013tons or 186847cum can be mined safely and scientifically to a quarry pit depth of 8meters for a lease period.

As per the combined sketch prepared by DMG there are 8 leases including this lease within 500 meter radius from this lease and out of which 5 leases were exempted from cluster effect due to the fact that either the ECs were issued prior to 15.01.2016 or leases were granted prior to 9.9.2013. The total area of remaining three leases including this lease is 12Acres and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 250meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.4.0 lakh to take up rejuvenation of Kommanahalli pond which is at a distance of 1.0KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.



2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**236.54** Proposed Building Stone Quarry Project at Sy.No409/3 of Batakurki Village, Ramadurga Taluk, Belgaum District over an area of 6-37 Acres **By Sri Basanagouda N Naganagoudar (SEIAA 424 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION															
1	Name & Address of the Project Proponent	Sri Basanagouda N Naganagoudar #1233a Gandhi Nagar, Bilagi Taluk Bagalkot District-587116.															
2	Name & Location of the Project	Batakurki Village , Ramadurga Taluk Belagavi District, Karnataka.															
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Points</th> <th>Lattitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 16° 04' 20.2"</td> <td>E75° 21' 10.3"</td> </tr> <tr> <td>B</td> <td>N 16° 04' 13.7"</td> <td>E75° 21' 09.5"</td> </tr> <tr> <td>C</td> <td>N 16° 04' 20.3"</td> <td>E75° 21' 18.9"</td> </tr> <tr> <td>D</td> <td>N 16° 04' 20.9"</td> <td>E75° 21' 18.7"</td> </tr> </tbody> </table>	Points	Lattitude	Longitude	A	N 16° 04' 20.2"	E75° 21' 10.3"	B	N 16° 04' 13.7"	E75° 21' 09.5"	C	N 16° 04' 20.3"	E75° 21' 18.9"	D	N 16° 04' 20.9"	E75° 21' 18.7"
Points	Lattitude	Longitude															
A	N 16° 04' 20.2"	E75° 21' 10.3"															
B	N 16° 04' 13.7"	E75° 21' 09.5"															
C	N 16° 04' 20.3"	E75° 21' 18.9"															
D	N 16° 04' 20.9"	E75° 21' 18.7"															
4	Type of Mineral	Building Stone.															
5	New / Expansion / Modification / Renewal	New.															
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Land.															
7	Whether the project site fall within ESZ/ESA	No															
8	Area in Ha	6 A-37 G(2.807 Ha) Sy No:409/3															
9	Actual Depth of building stone in the lease area /Patta Land building stone	Depth of building stone in Private land -20mt( from top level).															
10	Depth of building stone proposed to be removed	Depth of building stone proposed-15mt (from Surface level)															
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Max -95887 TPA and Min-95653TPA															
12	Quantity of Topsoil/Over burden in cubic meter	Max -Waste-5047 TPA and Min-5034 TPA															



13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil	
14	Project Cost (Rs. In Crores)	70 Lakh	
15	Environmental Sensitivity		
	a. Nearest Forest	Reserve forest 4.0 km .	
	b. Nearest Human Habitation	Ninganhatti-0.80 km	
	c. Educational Institutes, Hospital	Belagavi-20km	
	d. Water Bodies	Nala near Batakurki village -1.50km	
	e. Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006		
17	Details of Land Use in A-G		
	a. Area for Mining/ Quarrying	5-13	
	b. Waste Dumping Area	--	
	c. Top Soil Storage Area	--	
	d. Mineral Storage Area	--	
	e. Infrastructure Area	--	
	f. Road Area	0-01	
	g. Green Belt Area	--	
	h. Others Specify Safety Zone	1-23	
	Total	6-37 Acre -Gunta(2.807Ha)	
18	Method of Mining/ Quarrying	Semi Mechanised Quarrying	
19	Water Requirement		
	a. Source of water	Near By Own Borwell.	
	b. Total Requirement of Water in KLD	Dust Suppuration	6.0
		Domestic	2.5
		Other,Plantation	1.5
		Total	10.0
20	Storm water management plan	--	

The proposal was placed before the committee for appraisal.

The proponent was invited for the 227<sup>th</sup> meeting held on 24-7-2019 to provide required clarification. The proponent remained absent because of his health problem and has sent an email on 22-7-2019.

The Committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

The proponent and Environment consultant attended the 237<sup>th</sup> meeting held on 18-12-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application – Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and land conversion order. The lease has been notified on 02-05-2019 for 20 years.

As seen from the quarry plan there is a level difference of 6 meters within the mining area and taking this into consideration, the committee opined that the proposed proved quantity of 859401tons or 323083cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As per the combined sketch prepared by DMG there are 2 leases including this lease within 500 meter radius from this lease and the total area of these leases is 9Acres 37guntas and which being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 500meters connecting lease area to all weather black topped road.


As far as CER is concerned the proponent has stated, that he will earmark Rs.10.0 lakh to take up rejuvenation of Batakurki pond which is at a distance of 1.5KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. Only registered labours should be employed.

**Action:** Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

  
Secretary, SEAC  
Karnataka

  
Chairman, SEAC  
Karnataka