M.S. SEIAA 11/11

11/11/2019 Sr. Sc. O SEIAA

Proceedings of the 233rd SEAC Meeting held on 30th and 31st October 2019

30th October 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 G.T Chandrahekarappa	-	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
Shri Venkatesan	-	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 233rd 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 judgement 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 232nd SEAC meeting held on 17th, 18th and 19th October 2019.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 232nd SEAC meeting held on 17th, 18th and 19th September 2019 and confirmed the same.

EIA Appraisals:

233.1 Proposed Expansion of Bulk Drugs & Intermediates Products Manufacturing Unit Project at Plot No.94 of KIADB Kolhar Industrial Area, Bidar Taluk & District By M/s. SN2 Asymmetrix Pvt. Ltd. (SEIAA 22 IND (VIOL) 2018)

Sl. No	PARTICULARS		INFORMATION
1	Name & Address of the Project Proponent		Name: K. Nagi Reddy Flat: 201. SIRI Residency, Madhinaguda, Hyderabad, Telangana.500049
2	Name & Location of the Project		M/s. SN2 Asymmetrix Pvt. Ltd, Plot. No: 94, KIADB Kolhar Industrial Area of Kolhar village, Bidar Taluk, Bidar District, Karnataka State.
3	Co-ordinates of the Project Site		Latitude: 17°53'59.93"N Longitude: 77°27'29.46"E
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	• Manjara river – 13.7 Km-NNE • Karanja Reservoier-13.4 Km-SE
	b.	Distance from Protected area notified under wildlife protection act	No
	c.	Distance from the interstate boundary	Telangana – Karnataka 12.25 Km
	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) category 'B' It is an Existing project falls, under category B but as per MoEF & CC Notification dated 14th March 2017 even category B projects shall be appraised for grant of Environmental Clearance only by Violation Expert Appraisal Committee & Environmental Clearance will be granted by MoEF &CC. The file was uploaded to MoEF Portal,vide proposal no. IA/KA/IND2/68172/2017, dated 09.09.2017.

			Now, As per MOEF&CC gazette notification no. S.O.804 (E) dated 14th March, 2017 and its subsequent amended gazette Notification No. S.O. 1030 (E) dated 8th March 2018 and OM F. No. Z-11013/22/2017-IA.II (M) dated 15th March 2018 & 16th March 2018, MoEF directed to appraise in SEAC/SEIAA. Now, SN2 Assymetric is applying at KSEIAA under Category B. There is no interlinked project.
6	New/ Expansion/ Modification/ Product mix change		Expansion
7	Plot Area (Sq m)		8093.71 Sq.m (2 Acres)
8	Built Up area (Sq m)		Existing: 722.70 Proposed: 1111.20
9	Component of developments		Existing Capacity: 42 MTPA Total capacity after proposed expansion: 282MTPA **Details given in Pt. No. 5 of Form-1** Proposed construction details is provided in **Table 6.1 of PFR.**
10	Project cost (Rs. In crores)		4 Crores
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	1833.90 (Existing - 722.70 & Proposed - 1111.20)
	b.	Kharab Land	Nil
	c.	Internal Roads	
	d.	Paved area	Nil
	e.	Parking	
	f.	Green belt	4046.86 (Existing - 4046.86& Proposed = Nil)
	g.	Others Specify	Nil
	h.	Total	8093.71
12	Products and By- Products with quantity (enclose as Annexure if necessary)		Existing Capacity: 42 MTPA Total capacity after proposed expansion: 282MTPA **Details given in Pt. No. 5 of Form-1**

Existing and Proposed Products with Capacity

S. No	Products Name	Capacity (MTPA)	
		Existing	Proposed
1	Itraconazole	42	282
2	Levoctrizine Dihydrochloride	42	282
3	Sibutamine Hydochoride Monohydride	42	282
4	Sumatriptan Succinate	42	282
5	Tramadol Hydrochloride	42	282
6	Modafinil	42	282
7	1-3-Diacetoxy-2-(acetoxymethoxy) propane	42	282
8	3-Mthyl-4-methoxy-2-chloromethyl pyridine hydrochloride	42	282
9	2-Butyl-5 nitro benzofuran	42	282
10	2,7-Bis-trifluromethyl-4quinolinol	42	282
11	Isobutyramide	42	282
12	L-valine methylester Hydrochloride	42	282
13	N-(Methoxycarbonyl)-L-valine (MOC-Valine)	0	282
14	Ethyl 2-chloroacetoacetate	0	282
15	(S)-1-(2-chloroacetyl)pyrrolidine-2-carbonitrile	0	282
16	2,4-Dimethylbenzenethiol	0	282
17	3,4-Dimethylbenzenethiol	0	282
18	3-(Piperazin-1-yl)benzo[d]isothiazole	0	282
19	1-Methyl-3-nitrophthalate	0	282
20	Febuxostat	0	282
	Total	**42**	**282**

*One product or multiple products, the total production quantity shall not exceed 282 MTPA.

13	Raw material with quantity and their source (enclose as Annexure if necessary)	Raw materials requirement for proposed products are given below **Total Qty for 282 TPA for each product (20x282TPA)**

Sl. No	Raw Materials	Quantity (T/A)		
		Existing	Additional	Total
1.	1,2,4-Triazole	58.75	0.00	58.75
2.	1,3-Dibromopropane	396.89	0.00	396.89
3.	1,4-Dioxane	1410	0.00	1410.00
4.	2,3-Dimethyl-4-nitropyridine-N-oxide	375.06	0.00	375.06
5.	2-Aminobenzotrifluoride	174.84	0.00	174.84
6.	2-Bromobutane	105.75	0.00	105.75
7.	2-Hydroxy-5-nitrobenzylbromide	366.6	0.00	366.60
8.	4-Chloro butyraldehyde sodium bisulfite adduct	296.1	0.00	296.10
9.	4-Chlorobenzophenone	404.2	0.00	404.20
10.	4-Hydrazino-N-methylbenzene methane sulphonamide Hydrochloride	352.5	0.00	352.50
11.	4-Hydroxymethyl-1,3-dioxolane	160.74	0.00	160.74
12.	4-Methoxyphenyl Piperazine	1175	0.00	1175.00
13.	Acetic Acid	58.75	0.00	58.75
14.	Acetic Anhydride	761.4	0.00	761.40
15.	Acetone	4068.11	0.00	4068.11
16.	Acetoniltrile	883.6	0.00	883.60
17.	Acetylchloride	126.9	0.00	126.90
18.	Activated Carbon	170.51	28.20	198.71
19.	Ammonia gas	169.2	0.00	169.20
20.	Ammonium Chloride	279.91	0.00	279.91
21.	Benzhydrol	282	0.00	282.00
22.	Calcium Oxide	300.33	0.00	300.33
23.	Cis-BromobenzoateDihydrochloride	305.5	0.00	305.50
24.	Cyclohexanone	376	0.00	376.00
25.	Dimethylamine Hydrochloride	240.22	0.00	240.22
26.	Dimethylformamide	3619	1128.00	4747.00
27.	Dimethylsulfoxide	1762.5	0.00	1762.50
28.	Disodium Phosphate	211.5	0.00	211.50
29.	Ethyl Acetate	783.33	7534.71	8318.04
30.	Ethyl-4,4,4-trifluoroacetoacetate	200.22	0.00	200.22
31.	Formaldehyde (40%)	402.11	0.00	402.11
32.	Formamide	142.04	0.00	142.04
33.	Formamidine Acetate	117.5	0.00	117.50

34.	Formic Acid (85%)	430.31	0.00	430.31
35.	Fuming Nitric Acid	116.98	0.00	116.98
36.	Hydrazine Hydrate (50%)	112.8	0.00	112.80
37.	Hydrobromic acid (48%)	394.33	0.00	394.33
38.	Hydrochloric Acid (35%)	378.3	2938.24	3316.54
39.	Hydrogen	11.75	0.00	11.75
40.	Hydrogen Chloride	237.09	28.20	265.29
41.	Hydrogen Peroxide (50%)	141	0.00	141.00
42.	Iodine	6.27	0.00	6.27
43.	Isobutyl Bromide	217.24	0.00	217.24
44.	Isobutyric Acid	324.3	0.00	324.30
45.	Isopropyl Alcohol	2495.18	4431.43	6926.61
46.	Isopropyl Alcohol Hydrochloride (20%)	705	0.00	705.00
47.	Isopropyl Alcohol Hydrochloride (30%)	208.89	1726.54	1935.43
48.	L(+)-Tartaric Acid	259.44	0.00	259.44
49.	L-Valine	203.04	0.00	203.04
50.	Magnesium	104.45	0.00	104.45
51.	m-Bromo Anisole	438.67	0.00	438.67
52.	Methanesulfonyl Chloride	77.55	0.00	77.55
53.	Methanol	19244.41	6751.26	25995.67
54.	Methylene Dichloride	4841	8970.60	13811.60
55.	Monochloro acetic acid	146.64	0.00	146.64
56.	N,N-Bis(2-chloroethyl)-p-tolyl sulfonamide	240.64	0.00	240.64
57.	N,N-Diisopropylethylamine	212.44	0.00	212.44
58.	n-Hexane	1180.22	2926.49	4106.71
59.	*p* -Chlorobenzyl cyanide	282	0.00	282.00
60.	p -Nitrochlorobenzene	188	0.00	188.00
61.	Palladium Catalyst	70.5	0.00	70.50
62.	Paraformaldehyde	94	0.00	94.00
63.	Pentanoyl Chloride	183.3	0.00	183.30
64.	Petroleum Ether	256.93	0.00	256.93
65.	Phenyl chloroformate	164.5	0.00	164.50
66.	Polyphosphoric Acid	524.52	0.00	524.52
67.	Potassium Carbonate	387.75	0.00	387.75
68.	Potassium Hydroxide	260.33	283.83	544.16
69.	Pyridine	282	0.00	282.00
70.	Sodium 2-(2-chloroethoxy) acetate	112.8	0.00	112.80
71.	Sodium Bicarbonate	162.15	0.00	162.15

72.	Sodium Borohydride	93.06	0.00	93.06
73.	Sodium Hydroxide	1100.64	56.40	1157.04
74.	Sodium Methoxide	112.8	0.00	112.80
75.	Sodium Sulfate	31.33	0.00	31.33
76.	Succinic Acid	101.52	0.00	101.52
77.	Sulfuric Acid	33.84	563.22	597.06
78.	Tetrahydrofuran	1775.55	2776.61	4552.16
79.	Thionyl Chloride	1362.06	204.04	1566.10
80.	Thiourea	118.44	0.00	118.44
81.	Toluene	7252.1	1898.08	9150.18
82.	Tributylammonium Bromide	14.62	0.00	14.62
83.	Triphenylphosphine	423	0.00	423.00
84.	Zinc Chloride	200.22	0.00	200.22
85.	2-chloroacetoacetic acid ethyl ester	0.00	161.59	161.59
86.	4-isobutoxybenzene-1,3-dicarbonitrile	0.00	177.66	177.66
87.	ammonium bicarbonate	0.00	271.15	271.15
88.	benzo[d]isothiazol-3(2H)-one	0.00	287.76	287.76
89.	chloroacetychloride	0.00	234.28	234.28
90.	Diisopropyl ether	0.00	1648.61	1648.61
91.	Ethyl acetoacetate	0.00	306.52	306.52
92.	Hiflow	0.00	132.04	132.04
93.	L-Proline	0.00	216.92	216.92
94.	L-valine	0.00	256.36	256.36
95.	Methyl chloroformate	0.00	206.63	206.63
96.	MTBE	0.00	1128	1128
97.	m-Xylidine	0.00	352.5	352.5
98.	N,N'-Dicyclohexylcarbodiimide	0.00	420.83	420.83
99.	N-Bocpiperizine	0.00	299.27	299.27
100	Nitric acid	0.00	117.78	117.78
101	o-Xylidine	0.00	339.76	339.76
102	phosphorus oxychloride	0.00	293.51	293.51
103	potassium O-ethylcarbonodithioate	0.00	1010.7	1010.7
104	Pthalic anhydride	0.00	248.82	248.82
105	Sodium nitrite	0.00	436.13	436.13
106	Sulfuryl chloride	0.00	318.78	318.78
107	Thioacetamide	0.00	74.45	74.45
108	Tri ethyl amine	0.00	451.44	451.44
109	trifluoroacetic anhydride	0.00	279.83	279.83

14	Mode of transportation of Raw material and storage facility	Storage details are provided in Form-1 **(Point 1.14)**		
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	Not applicable		
16	Fly ash production, storage and disposal details whereas coal is used as fuel	Total **14** TPD, 3.92 TPD fly ash & 0.98 TPD bottom ash. Will be given to brick manufacturer.		
17	Complete process flow diagram and technology employed	Detailed process description and process flow are enclosed in **Chapter-3, Section 3.7 of PFR**		
18	Details of Plant and Machinery with capacity/ Technology used	Details of Plant and Machinery with capacity/ Technology used is enclosed in **Chapter-4, Section-4.5 of PFR.**		
19	Details of VOC emission and control measures wherever applicable	Details of emission and Control measures is enclosed in **Chapter-3, Section 3.15 of PFR**		
20	WATER			
	I.	Construction Phase		
	a.	Source of water	Private Tankers	
	b.	Quantity of water for Construction in KLD	50	
	c.	Quantity of water for Domestic Purpose in KLD	Nil	
	d.	Waste water generation in KLD	Nil	
	e.	Treatment facility proposed and scheme of disposal of treated water	Nil	
	II	Operational Phase		
	a.	Source of water	KIADB	
	b.	Total Requirement of Water in KLD	Fresh	64.3
			Recycled	47
			Total	**111.3**
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	57.8
			Recycled	26
			Total	**83.8**
	d.	Requirement of water	Fresh	1.5

		for domestic purpose in KLD	Recycled	6
			Total	**7.5**
	e.	Waste water generation in KLD	Industrial effluent	58
			Domestic sewage	7
			Total	**65**
	f.	ETP/ STP capacity	Sewage will be sent to septic tank followed by soak pit. Industrial effluent will be treated by ETP	
	g.	Technology employed for Treatment	ZLD	
	h.	Scheme of disposal of excess treated water if any	Treated water recycled. Solid will be sent to TSDF	
21	Infrastructure for Rain water harvesting		Will be provided in EIA report	
22	Storm water management plan		Will be provided in EIA report	
23	Air Pollution			
	a.	Sources of Air pollution	DG sets, Boilers, Fugitive vapours from Reactors, centrifuges and Distillation process	
	b.	Composition of Emissions	Flue gases, Acetic acid vapour, SO2 emission, NOx fugitive, HCL vapours and Fumes & Fugitive emission with organic vapour **(Ref: Section 3.15 in PFR)**	
	c.	Air pollution control measures proposed and technology employed	Stacks as per CPCB guideline	
24	Noise Pollution			
	a.	Sources of Noise pollution	Boiler, pumps, chilling plant, cooling tower, DG sets, Reactors and Compressors	
	b.	Expected levels of Noise pollution in dB	App., 70 to 75 dB(A)	
	c.	Noise pollution control measures proposed	sound acoustic and Noise insulators	
25	WASTE MANAGEMENT			
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable (kg/d)	Existing – 18.72
			Non- Biodegradable (kg/d)	Existing – 20.28
	b.	Quantity of Hazardous Waste	HWM details are provided in **chapter-3, section 3.16 ,Table 3.8** of PFR	

<table>
<tr><td></td><td></td><td>generation with source and mode of Disposal as per norms</td><td></td></tr>
<tr><td></td><td>c.</td><td>Quantity of E waste generation with source and mode of Disposal as per norms</td><td>NA</td></tr>
<tr><td>26</td><td colspan="2">Risk Assessment and disaster management</td><td>Will be provided in EIA.</td></tr>
<tr><td>27</td><td colspan="3">POWER</td></tr>
<tr><td></td><td>a.</td><td>Total Power Requirement in the Operational Phase with source</td><td>
<table>
<tr><th>S.N</th><th>Description</th><th>Existing Capacity</th><th>Proposed Capacity</th><th>Total Capacity</th><th>Source</th></tr>
<tr><td>1</td><td>Power requiremen</td><td>82KVA</td><td>300 KVA</td><td>382KVA</td><td>GESCOM</td></tr>
</table>
</td></tr>
<tr><td></td><td>b.</td><td>Numbers of DG set and capacity in KVA for Standby Power Supply</td><td>
<table>
<tr><th>S. N</th><th>Description</th><th>Existing Capacity</th><th>Qt</th><th>Proposed Capacit</th><th>Qty</th><th>Total Capacity</th><th>Qt</th></tr>
<tr><td>1</td><td>D.Gset</td><td>125 KVA</td><td>1</td><td>250 KVA</td><td>1</td><td>125 KVA
250 KVA</td><td>2</td></tr>
</table>
</td></tr>
<tr><td></td><td>c.</td><td>Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,</td><td>
<table>
<tr><th>Details</th><th>Existing</th><th>Additional</th><th>Total Proposed</th><th>Source</th></tr>
<tr><td>Diesel requirements(lit/month)</td><td>Approx. 2000</td><td>Approx. 6000</td><td>Approx. 8000</td><td>HPCL</td></tr>
<tr><td>Boiler Fuel (TPD)</td><td>4</td><td>10</td><td>14</td><td>Singareni Collieries</td></tr>
</table>
</td></tr>
<tr><td></td><td>d.</td><td>Energy conservation plan and Percentage of savings including plan</td><td>NA</td></tr>
</table>

		for utilization of solar energy as per ECBC 2007	
28	PARKING		
	a.	Parking Requirement as per norms	Parking will provide as per norms
	b.	Internal Road width (RoW)	2.136-2.89m
29	Any other information specific to the project (Specify)		No

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

M/s. SN2 Asymmetrix Pvt Ltd., is an existing industry and engaged in manufacture of bulk drugs and Active Pharmaceuticals Ingredients. The present proposal is for expansion. The project falls under schedule 5(f), synthetic Organic chemicals under category B. Since the industry was operating without E.C, it comes under violation category.

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 proponent has requested the committee to permit him to adopt the baseline studies made during Dec 2016 to Feb-2017 for the same project under the pretext that the baseline studies done for the same project holds good for three years for which the committee has accepted. The committee decided to recommend the proposal to SEIAA for issue of Standard ToRs and following additional ToRs to conduct the EIA studies in accordance with the EIA Notification 2006 and relevant guidelines along with public hearing.

1) Compliance to CFO conditions as well as notice issued by the KSPCB and status of the industry
2) Justification for the No. of products and No. of reactors provided
3) Material balance and mass balance for all the products
4) Detailed study of the soil analysis inside the premises of the industry is to be done and provided
5) Raw material to product and product to waste generation ratio for each product to be given

6) Impact on the adjacent agriculture land due to this activity as the proponent is using toxic raw materials and produces toxic wastes which may ultimately reach the adjoining areas
7) Water analysis to be done for all the parameters for all the nearby borewells within 2 km radius
8) Details of adjacent industries and impact on the same from this industry
9) Existing greenbelt details and proposed with design to be provided
10) MEE is not in the present layout plan. This shall be incorporated and modified layout plan and Scheme and design including capacity of the same to be provided
11) Scheme for storage and disposal of hazardous waste as per the hazardous waste handling and disposal rule to be provided
12) Storage and handling method of bromine in the process
13) Alternative solvents to chloroform and EDC in the process may be given.
14) Safety measures taken in the hydrogenation process to be explained in EIA and explore the possibility of using alternative catalysts for hydrogenation process
15) In the monitoring protocols of the ambient air, VOC to be incorporated
16) Solvent storage and solvent recovery system to be explained. Explain the % of loss, % of recovery and disposal of recovered solvents with scheme is to be furnished
17) Green chemistry adopted in the process to be highlighted
18) List of banned chemicals to be provided and alternative chemicals to replace the banned chemicals
19) Recent baseline data generated by the KSPCB/CPCB if any and this shall be compared with the previous baseline data generated by the industry.
20) 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
21) Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.
22) Identify and evaluate the steps in the manufacturing of your products that may represent risks to personal or equipment and conduct a detailed investigation and present the hazop study along with risk assessment, disaster management of worst case scenario, all control equipments and mitigation measures adopted, emergency preparedness and onsite emergency plan.
23) Compatibility of the different waste generated, including their segregation and storage.
24) Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall

be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or an environmental laboratory accredited by NAB, or a laboratory of a Council of Scientific and Industrial Research CSIR) institution working in the field of environment.

25) Preparation of EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
26) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultants.
27) The Proponent shall assess the environmental damage done due to use of septic tank and soak pit.

Accordingly ToRs were issued on 05-07-2018. The proponent has submitted the EIA report on 18-10-2019 and the same was placed before the committee for EIA appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

This proposal is for both Remediation on account of violation and also for expansion. Committee after discussion and deliberation decided that the project has to be got delisted under violation category before taking up their proposal for expansion. For which the proponent has agreed for the restriction of appraisal for the violation part and comeback after that for expansion. The proponent has also requested to permit him to utilize the data collected from Oct 2018 to Dec 2018 for which the committee agreed to permit him to utilize the data. The EMP should consists of suitable equipments to achieve ZLD.

As far as the remediation aspect is concerned the proponent has reiterated that no damage has been done due to his activity and he has also stated that he has earned about Rs 50lakhs from 2008 to 2016 and based on this he agreed to spare 15% of this cost i.e 7.5 Lakhs towards remediation measures.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance.

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

Deferred EIA proposal:

233.2 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 (SEIAA18IND 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 $14^0\ 39^1$ N and Longitude 74^016^1E.

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 tubewell 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. **Muncipal Waste**: The estimated waste generation from the fishery will be maximum of 1T/day. Muncipal 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 216th 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 220th meeting held on 9th 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 233rd meeting held on 30th October 2019 for EIA appraisal.

The proponent and Environment consultant attended the 233rd 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.

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

TOR Proposals:

233.3 Proposed Formaldehyde manufacturing industry project at Plot Nos.412 & 413 of Baikampady Industrial Area, Mangalore Taluk, Dakshina Kannada District by M/s. Akolite Synthetic Resins Unit-II (SEIAA 33 IND 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Abdul Razak Plot No.412 & 413, Baikampady Industrial area, Mangalore-575011
2	Name & Location of the Project	M/s. Akolite Synthetic Resins Unit II Plot No.412 & 413, Baikampady Industrial area, Mangalore-575011
3	Co-ordinates of the Project Site	Latitude 12°57'19.74" N Longitude 74°49'49.59" E
4	Environmental Sensitivity	
	a. Distance From nearest Lake/ River/ Nala	• Kudumhole is in the South East of the industry at a distance of 500 m. • River Gurpur located at 1.3km in SE direction. • At 75 mts water logged area is existing in East of the industry.
	b. Distance from Protected area notified under wildlife protection act	-
	c. Distance from the interstate boundary	22.4 Km
	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/ Product mix change	New
7	Plot Area (Sqm)	6,000 sq m
8	Built Up area (Sqm)	2,822 sq m
9	Component of developments	
10	Project cost (Rs. In crores)	Rs. 10.8 Crores
11	Details of Land Use (Sqm)	
	a. Ground Coverage Area	2,822
	b. Kharab Land	-
	c. Internal Roads	-

	d.	Paved area	-
	e.	Parking	-
	f.	Green belt	2,318
	g.	Others Specify	860
	h.	Total	6,000
12	Products and By- Products with quantity (enclose as Annexure if necessary)		Formaldehyde – 50 TPD
13	Raw material with quantity and their source (enclose as Annexure if necessary)		Methanol – 25.6 TPD
14	Mode of transportation of Raw material and storage facility		The raw material is transported through shipment/road ways from Bombay.
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		Detailed in Pre-feasibility report
18	Details of Plant and Machinery with capacity/ Technology used		
19	Details of VOC emission and control measures wherever applicable		All production processes takes place in closed conditions
20	WATER		
	I.	Construction Phase – Operating industry	
	a.	Source of water	-
	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	Open well/ KIADB sources	
	b.	Total Requirement of Water in KLD	Fresh	80
			Recycled	
			Total	• RO permeate water – 40 KLD (Domestic , Manufacturing and boiler purposes) • RO reject water – 40 KLD used as cooling tower makeup
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	
			Recycled	
			Total	
	d.	Requirement of water for domestic purpose in KLD	Fresh	
			Recycled	
			Total	• RO permeate water – 40 KLD (Domestic , Manufacturing and boiler purposes) • RO reject water – 40 KLD used as cooling tower makeup
	e.	Waste water generation in KLD	Industrial effluent	-
			Domestic sewage	1.3
			RO rejects – 40 KLD, used for cooling tower make up	
	f.	ETP/ STP capacity	Septic and soak pit is employed for domestic sewage treatment	
	g.	Technology employed for Treatment	Softener unit, Reverse osmosis and DM plant	
	h.	Scheme of disposal of excess treated water if any	RO rejects, rinsing of softener unit, and Waste water from back wash (40 KLD) is used in cooling tower as make up water	
21	Infrastructure for Rain water harvesting		-	
22	Storm water management plan		-	

23	Air Pollution			
	a.	Sources of Air pollution	Boiler – 2 TPH and D G Set – 320 kVA	
	b.	Composition of Emissions	PM, SO_2, NO_X	
	c.	Air pollution control measures proposed and technology employed	Dust collector with 30 m AGL chimney for boiler and 10 m AGL chimney for DG set	
24	Noise Pollution		-	
	a.	Sources of Noise pollution	Boiler, DG set and reactor vessel	
	b.	Expected levels of Noise pollution in dB	-	
	c.	Noise pollution control measures proposed	Adequate chimney height, Acoustics, and closed manufacturing operations	
25	WASTE MANAGEMENT			
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable	2.25 Kg
			Non- Biodegradable	1.5 Kg
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	50 Kg/annum	
	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	175 kVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 x 320 kVA 1 operational and 1 standby	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,	High speed diesel	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	-	

28	PARKING		Parking facilities are provided.
	a.	Parking Requirement as per norms	
	b.	Internal Road width (RoW)	
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 was invited for the 233rd meeting held on 30th October 2019 for appraisal.

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

This is a proposal to set up formaldehyde manufacturing unit by the adjacent area of the existing plywood manufacturing unit. The proponent has stated that he has obtained CFE for the same during 2013 and started operation since 2015 after applying for CFO from KSPCB, and he is running the unit anticipating issue of CFO from KSPCB. At this stage KSPCB authorities have directed the proponent to obtain EC for issue of CFO i.e., in the year 2015 and the proponent has stated that the unit is in operation till date. Now this application is to obtain EC from SEIAA.

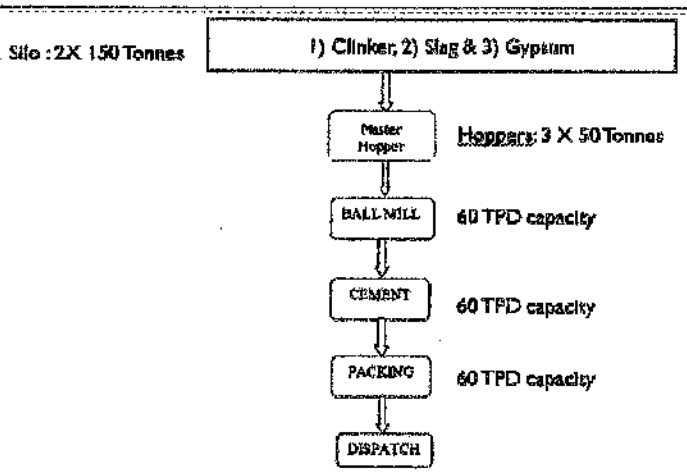
As seen from the above preamble the proponent has operated the unit without valid CFO and EC as per EIA notification 2006 and this amounts to violation of the above notification. The window period provided earlier for rectification of similar projects has expired in the month of September 2017 itself. The notification mandating EC for similar projects and also putting up of application for remediation within the window period is silent about the process of remediation of projects which failed to apply within the window period.

In light of the above facts the SEAC could'nt proceed with the appraisal in the absence of clarification to 2017 notification. Hence the committee decided to seek advice from the SEIAA.

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

233.4 Proposed Cement Grinding Unit project at Sy.Nos.36/C1 & 26/C2 of Haravanahalli Village, Hospet Taluk, Bellary District by M/s. Sree Sai Industries (SEIAA 34 IND 2019)

Sl. No	PARTICULARS		INFORMATION
1	Name & Address of the Project Proponent		Ms. Anu Hiremath, Proprietor, M/s SREE SAI INDUSTRIES 8th Cross, M. J. Nagar, Hospet – 583203 Karnataka
2	Name & Location of the Project		Proposed "Cement Grinding Unit " over an extent of 6-21 Acres at Sy. No.36/C1 & 36/C2 Haravanahalli Village Hospet (Tq), Bellary (Dist), Karnataka.
3	Co-ordinates of the Project Site		Latitude: 15°05'33.53"N Longitude: 76°21'38.72"E
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	Danayakanakere Pond – 4.02 Kms (NE) Tungabadra Reservoir – 15.00 Kms (NE)
	b.	Distance from Protected area notified under wildlife protection act	None within 10 kms
	c.	Distance from the interstate boundary	NA
	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		3(b) Industrial Projects – 1
6	New/ Expansion/ Modification/ Product mix change		New
7	Plot Area (Sqm)		26405.74
8	Component of developments		Clinker Store Cement Mill
10	Project cost (Rs. In crores)		3
11	Details of Land Use (Sqm)		
	a.	Builtup Area	1046.45
	b.	Kharab Land	-
	c.	Internal Roads	
	d.	Paved area	8195.55
	e.	Parking	8449.85
	f.	Green belt	--
	g.	Others Specify	8713.89
	h.	Total	26405.74
12	Products and By- Products with		Cement Clinker -60,000TPA

	quantity (enclose as Annexure if necessary)	
13	Raw material with quantity and their source (enclose as Annexure if necessary)	**RAW MATERIAL** / **QUANTITY(TPA)** Clinker / 36,000 (60%) Gypsum / 22,800 (38%) Slag / 1,200 (2%)
14	Mode of transportation of Raw material and storage facility	Railway - Gunda Road Junction Railway Station – 16.92 kms (NE) Storage - Silo : 2X 150 Tonnes Hoppers: 3 X 50 Tonnes
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	
18	Details of Plant and Machinery with capacity/ Technology used	Clinker Store Cement Mill
19	Details of VOC emission and control measures wherever applicable	Very less
20	WATER	
	I. Construction Phase	
	a. Source of water	
	b. Quantity of water for Construction in KLD	3.75
	c. Quantity of water for Domestic Purpose in KLD	-
	d. Waste water generation in KLD	0.6
	e. Treatment facility proposed and	Chemical Toilet

		scheme of disposal of treated water		
	II	Operational Phase		
	a.	Source of water	Water requirement will be met from Borewell	
	b.	Total Requirement of Water in KLD	Fresh	3.75
			Recycled	-
			Total	3.75
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	-
			Recycled	-
			Total	-
	e.	Waste water generation in KLD	Industrial effluent	-
			Total	0.6
	f.	ETP/ STP capacity	NA	
	g.	Technology employed for Treatment	NA	
	h.	Scheme of disposal of excess treated water if any	NA	
21	Infrastructure for Rain water harvesting		All along the internal road network, storm water drain with would be provided to collect water during rains.	
22	Storm water management plan		NA	
23	Air Pollution			
	a.	Sources of Air pollution	DG set	
	b.	Composition of Emissions	Major pollutants from the processes are SPM and SO2 depending upon fuel usage, NOx are likely to be generated	
	c.	Air pollution control measures proposed and technology employed	• Bag type Dust collector, Closed type with Dust collector & adequate Stack/Chimney as per KSPCB norms will be provided. • DG set will be used as stand-by power supply unit. • Periodic check and maintenance of vehicles will be done. • Strengthening of Green belt Development (33%).	
24	Noise Pollution			
	a.	Sources of Noise pollution	Noise Level from DG sets and Vehicular Movement	
	b.	Expected levels of Noise pollution in dB	75	
	c.	Noise pollution control measures proposed	Acoustic enclosures provided for existing DG Sets. Traffic management measures will be adopted. Green belt Development PPE facilities (like earplugs) will be provided	
25	WASTE MANAGEMENT			
	I.	Operational Phase		

	a.	Quantity of Solid waste generated per day and their disposal	No waste water will be generated from the plant. Domestic sewage of 0.75 kld will go to Chemical Toilet
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	NA
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	Not Applicable
26	Risk Assessment and disaster management		Detailed in EMP
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	1200 KW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1X 1500 KVA DG SETS
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,	NA
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar Panels will be used. Energy Savings estimated is 25%.
28	PARKING		
	a.	Parking Requirement as per norms	It is an Industrial Project
	b.	Internal Road width (RoW)	6m
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 was invited for the 233rd meeting held on 30th October 2019 for appraisal.

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

As per the statement indicating the source of procurement of raw materials, 90% of the material comes through rail road and transportation through road for these materials is 1.8% to 6%. Balance 2% of the material comes through 50% in rail road and another 50% comes through surface road transport from the source situated only 34 KM away from the site and also the proponent has stated that all the products that

are manufactured will be carted through rail road except initial 16.92 KM from the project site to nearest Railway station. Based on this the proponent has claimed that more than 90% of the goods traffic is through railway line and hence he reiterated his stand that his project to be categorized under B2 category.

For the purpose of reducing dust emission which is the main source of environmental pollution in such type of industries the proponent has stated that he will handle all the raw materials and finished products in the closed ducts and spaces and also he has mentioned that emissions from the mill and conveyors will be extracted through dust collector system finally through bag filters. The proponent has also stated that he will put up green baffle to a width of 10 meters by planting three rows of trees all along the periphery of the project site. The proponent has stated that all the raw material and finished products will be handled within the closed proposed shed and hence the scope for fugitive emission is greatly reduced and the proponent has also stated that the personnel working within the closed shed will be protected from exposure to dust by putting up AC chamber in which most of the time the personnel will be working.

As far as CER is concerned the proponent has stated that she has earmarked Rs.6.00lakhs to take up greenery and maintain the same for ten years all along the haulage road length of 16.92 KMs.

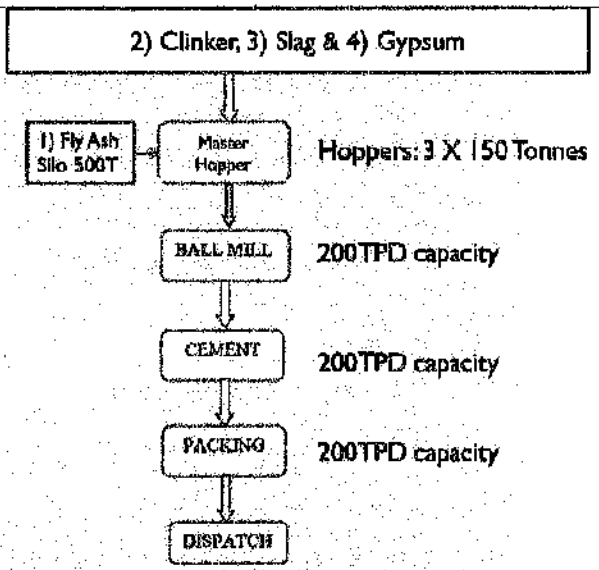
The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance.

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

233.5 Proposed "Cement Grinding Unit" over an extent of 2-37 Acres at Sy.No.47/2 & G.P No.180 of Tanakanakal Village, Koppal Taluk & District by M/s. S R.S Cement Industries (SEIAA 35 IND 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s S R S Cement Industries Partner: Sri. Shankar M. K S/o Manappa Kammar Koppal--583231

2	Name & Location of the Project		Proposed "Cement Grinding Unit" over an extent of 2-37 Acres at Sy. No.47/2 & G.P No.180 of Tanakanakal Village, Koppal Tq & Dist, Karnataka.
3	Co-ordinates of the Project Site		Latitude: 15°23'40.05"N Longitude: 76°12'4.08"E
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	Lebgera Pond -2.15 Kms (N) Kalkeri Pond – 4.05 kms(NW)
	b.	Distance from Protected area notified under wildlife protection act	None within 10 kms
	c.	Distance from the interstate boundary	NA
	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		3(b) Industrial Projects – 1
6	New/ Expansion/ Modification/ Product mix change		New
7	Plot Area (Sqm)		11,837
8	Component of developments		Clinker Store Cement Mill
10	Project cost (Rs. In crores)		0.85
11	Details of Land Use (Sqm)		
	a.	Build up area	4,126.22 sq.m.
	b.	Kharab Land	-
	c.	Internal Roads	
	d.	Paved area	-
	e.	Parking	3800.78 Sq.m
	f.	Green belt	-
	g.	Others Specify (Garden Area)	3910.00 Sq.m
	h.	Total	11,837.00
12	Products and By- Products with quantity (enclose as Annexure if necessary)		Cement Clinker -60,000TPA
13	Raw material with quantity and their source (enclose as Annexure if necessary)	RAW MATERIAL	QUANTITY(TPA)
		Clinker	56,400 (94%)

		Gypsum	900 (1.5%)	
		GGBS (Ground Granulated Blast Furnace Slag)	2,700 (4.5%)	
14	Mode of transportation of Raw material and storage facility	Railway - Koppal Railway station – 7.56kms Storage -1. Silo : 2X 150 Tonnes 2. Hoppers: 3 X 50 Tonnes		
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	500 Tonnes		
17	Complete process flow diagram and technology employed			
18	Details of Plant and Machinery with capacity/ Technology used	Clinker Store Cement Mill		
19	Details of VOC emission and control measures wherever applicable	Very less		
20	WATER			
	I.	Construction Phase		
	a.	Source of water		
	b.	Quantity of water for Construction in KLD	3.75	
	c.	Quantity of water for Domestic Purpose in KLD	-	
	d.	Waste water generation in KLD	0.576	
	e.	Treatment facility proposed and scheme of disposal of treated water	Soak pit and Septic tank	
	II	Operational Phase		
	a.	Source of water	Water requirement will be met from Borewell	
	b.	Total Requirement of Water in	Fresh	3.72

		KLD	Recycled	-
			Total	3.72
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	-
			Recycled	-
			Total	-
	e.	Waste water generation in KLD	Industrial effluent	-
			Total	0.576
	f.	ETP/ STP capacity	Effluent sent to Koppal waste water treatment plant	
	g.	Technology employed for Treatment	Most of Industrial wastewater generated is recycled for industrial purpose and partial amount of water is used for gardening after treating in neutralization tank	
	h.	Scheme of disposal of excess treated water if any	NA	
21	Infrastructure for Rain water harvesting		All along the internal road network, storm water drain with would be provided to collect water during rains.	
22	Storm water management plan		Check dams are envisaged at different locations of along the path of the storm water drains	
23	Air Pollution			
	a.	Sources of Air pollution	DG set	
	b.	Composition of Emissions	Major pollutants from the processes are SPM and SO2 depending upon fuel usage, NOx are likely to be generated	
	c.	Air pollution control measures proposed and technology employed	• Bag type Dust collector, Closed type with Dust collector & adequate Stack/Chimney as per KSPCB norms will be provided. • DG set will be used as stand-by power supply unit. • Periodic check and maintenance of vehicles will be done. • Strengthening of Green belt Development (33%).	
24	Noise Pollution			
	a.	Sources of Noise pollution	Noise Level from DG sets and Vehicular Movement	
	b.	Expected levels of Noise pollution in dB	75	
	c.	Noise pollution control measures proposed	Acoustic enclosures provided for existing DG Sets. Traffic management measures will be adopted. Green belt Development PPE facilities (like earplugs) will be provided	
25	WASTE MANAGEMENT			
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	No waste water will be generated from the plant. Domestic sewage of 0.72 kld will go to Chemical Toilet	
	b.	Quantity of Hazardous Waste	NA	

		generation with source and mode of Disposal as per norms	
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	Not Applicable
26	Risk Assessment and disaster management		Detailed in EMP
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	1200 KW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1X 1500 KVA DG SETS
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,	Dolochar will be used as fuel in Captive Power Plant.Light Diesel oil (LDO) has been considered as the fuel for the initial start up and for the intermittent use during operation
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar Panels will be used. Energy Savings estimated is 25%.
28	PARKING		
	a.	Parking Requirement as per norms	It is an Industrial Project
	b.	Internal Road width (RoW)	8m
29		Any other information specific to the project (Specify)	-

The proponent was invited for the 233th 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.

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

Deferred subject:

233.6 Proposed Residential Development Project at Sy.No.53, Kogilu Village, Yelahanka Hobli, Bangalore North Taluk by M/s. Bhartiya City Developers Pvt Ltd(SEIAA 82 CON 2019)

The proposal was placed before the committee for appraisal.

The proponent was invited for the 226th meeting held on 11-7-2019 to provide required clarification. The proponent remained absent by submitting a letter.

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

The proponent was invited for the 233rd meeting held on 30th October 2019 for appraisal.

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

As seen from the village survey map there are three nalas within the project site for which the proponent stated that he has provided Buffer zone as mandated. As per the concept plan the two portions of the project which are bifurcated due to Buffer zone will be interconnected through two connectivity roads and the proponent has stated that he will build these connectivity roads at the elevated level leaving the buffer zone undisturbed except by putting up some columns.

As far as CER is concerned the proponent has earmarked Rs.3.0 crores towards rejuvenation of flood devastated Belgaum District.

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

1) The ground water analysis indicating the presence of heavy metals may be done and submitted.

2) Possibility of using CNG gas for Gensets may be studied and submitted.

3) Storage capacity of water tanks to store the rain water from the terrace as well as hard paved areas may be reworked and submitted.

4) Identify the 20% Ecofriendly Building materials and details may be submitted.

5) Commitment from the proponent to use sewage treated water for the construction phase may be submitted.

6) Solar panel layout has to be reworked utilizing the entire terrace area to generate solar power.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

233.7 Proposed Building Stone Quarry Project at Sy.No.41 of Dypenahalli Village, Tumkur Taluk, Tumkur District (2-00 Acres) by M/s. M.N.R. Enterprises (SEIAA 632 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**M/s. M. N.R. Enterprises** Managing Partner: Sri. M. N. Ram S/o Sri. Mutha Gangaiah No.65/52, Tina Nilaya, 1st Floor Maruthi Nagara Vajarahalli, Nelamangala Taluk Bangalore Rural, Karnataka		
	Name & Location of the Project	Building Stone Quarry in 2-00 Acres of Govt. Land bearing Sy. No.41. Dypenahalli Village, Tumkur Taluk & District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°18'39.9"	E 77°17'27.3"
		B	N 13°18'37.7"	E 77°17'30.2"
		C	N 13°18'36.0"	E 77°17'30.4"
		D	N 13°18'35.8"	E 77°17'27.3"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Kharab Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	2-00 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	51,769(Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	192Cum/Annum		
15	Mineral Waste Handled (Metric Tons/	2,725Tons/Annum		

	CUM)/ Annum			
16	Project Cost (Rs. In Crores)		0.12	
17	Environmental Sensitivity			
	a.	Nearest Forest	Jakkasandr SF-5.93 Km SE Krishnarajapura SF-7.01 Km SE Mavinakommanahalli SF-8.07 Km S-SE Nijagal Sf-8.2 Km SW Gollahalli SF-8.52 Km W-NW Doddavadibetta SF-7.09 Km NW	
	b.	Nearest Human Habitation	Dypenahalli-1.40 Km	
	c.	Educational Institutes, Hospital	Dabespet Town-12.0 Km Tumkur which is District head quarter-27.0 Km	
	d.	Water Bodies	Dypenahalli Kere-2.01 KM N-NE Gonihalli Kere-3.15KmNE Bargur Kere-3.33 Km E Maralakunte Kere-1.28 Km S-SE Benachanahalli Kere-3.09 Km SW Nayakanapalya Kere-3.91 Km N-NW Maviakunte Kere-6.77 Km E-SE Manne Kere-6.55 Km S Maldala Kere- 8.91Km W	
	e.	Other Specify	None	
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Acres-Guntas			
	A	Existing Quarry area	0.5514	
	B	Dump Yard	0.0100	
	C	Mineral Stock yard	0.0100	
	D	Infrastructure	0.0050	
	E	Road	0.0050	
	F	Green belt	0.2280	
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	0.25KLD
			Other	0.75 KLD
			Total	4.50 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 was invited for the 233rd meeting held on 30th October 2019 for appraisal.

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

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., and also approval from District task force. The lease has been notified on 02-05-2017.

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 45% of the proposed proved quantity of 620711 tons or 238735 cum can be mined safely and scientifically to a quarry pit depth of 15 meters for a lease period.

As per the extended combined sketch prepared by DMG this deposit area extends in two Districts i.e Tumkur and Bangalore Rural Dist and as per the combined sketch there are two other leases within the 500 meter radius from this lease in Tumkur Dist and 5 other leases in Bangalore Rural Dist. And the proponent has claimed exemption from cluster effect for all these 7 leases based on the fact that these leases either granted prior to 9.9.2013 or ECs were issued prior to 15.01.2016. Leaving apart this leases only two fresh leases were left and combined area of these two leases being less than 5Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1.25KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.5.00 lakhs to take up rejuvenation of Dyapenahalli kere which is at a distance of 2.0 KM. 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.

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

233.8 Proposed Building Stone Quarry Project at Sy.No.372/C/2 of Dashamapura Village, Hagaribommanahalli Taluk, Ballari District (5-00 Acres) by Sri V. Shivaprakash (SEIAA 633 MIN 2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. V. Shivaprakash
Hamsa Sadana,
Behind Phoolban School,
Eswar Nagar,
Hospet,
Ballari District – 583201</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Dashamapura Building Stone Quarry" of Sri. V. Shivaprakash
Sy No: 372/C/2,
Dashamapura Village, Hagaribommanahalli Taluk,
Ballari District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><u>DGPS Coordinates of the QL Area</u>
<u>DATUM – WGS84</u>
<table><tr><th>Points</th><th>Latitude</th><th>Longitude</th></tr><tr><td>BP-1</td><td>15⁰ 02' 24.58217"</td><td>76⁰ 17' 54.78916"</td></tr><tr><td>BP-2</td><td>15⁰ 02' 23.92037"</td><td>76⁰ 17' 59.59626"</td></tr><tr><td>BP-3</td><td>15⁰ 02' 19.67655"</td><td>76⁰ 17' 59.27901"</td></tr><tr><td>BP-4</td><td>15⁰ 02' 19.80109"</td><td>76⁰ 17' 54.29205"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Building Stone</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>2.023Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease</td><td>NA</td></tr>
</table>

	area in case of River sand			
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		1,20,000TPA	
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		2,449 tons per annum	
16	Project Cost (Rs. In Crores)		0.79crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Chilakanatatti Reserved Forest 4.27 Kms (NE) Sivapura Reserved Forest – 0.12 Kms (E)	
	b.	Nearest Human Habitation	Dashamapur Village -1.64 Kms(SW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Hagaribommanahalli–9.89 Kms (W)	
	d.	Water Bodies	Thimmalapura Pond -7.24 Kms (SE) Tungabhadra Reservoir – 14.49 kms (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	3.039	
	b.	Waste Dumping Area	--	
	c.	Top Soil yard	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0.074	
	g.	Buffer Area	1.001	
	h.	Unexplored area	0.886	
	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	8.6 KLD
			Domestic	1.57 KLD

			Other	1.23 KLD
			Total	11.4 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 233th 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 anintimation 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.

233.9 Proposed Building Stone Quarry Project at Sy.No.41 of Dypenahalli Village, Tumkur Taluk, Tumkur District (1-00 Acre) by Sri M.N. Rajesh (SEIAA 634 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**Sri. M. N. Rajesh** S/o Sri. Mutha Gangaiah No.65/52, Tina Nilaya, 1st Floor Maruthi Nagara Vajarahalli, Nelamangala Taluk Bangalore Rural, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 1-00 Acres of Govt. Land bearing Sy. No.41. Dypenahalli Village, Tumkur Taluk & District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°18'42.4"	E 77°17'19.2"
		B	N 13°18'45.3"	E 77°17'20.4"
		C	N 13°18'45.4"	E 77°17'21.4"
		D	N 13°18'42.8"	E 77°17'21.2"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Kharab Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	1-00 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		30,469(Avg.) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter		406 Cum/Annum
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		613Tons/Annum
16	Project Cost (Rs. In Crores)		0.10
17	Environmental Sensitivity		
	a.	Nearest Forest	Jakkasandr SF-5.93 Km SE Krishnarajapura SF-7.01 Km SE Mavinakommanahalli SF-8.07 Km S-SE Nijagal Sf-8.2 Km SW Gollahalli SF-8.52 Km W-NW Doddavadibetta SF-7.09 Km NW
	b.	Nearest Human Habitation	Dypenahalli-1.40 Km
	c.	Educational Institutes, Hospital	Dabespet Town-12.0 Km Tumkur which is District head quarter-27.0 Km
	d.	Water Bodies	Dypenahalli Kere-2.01 KM N-NE Gonihalli Kere-3.15KmNE Bargur Kere-3.33 Km E Maralakunte Kere-1.28 Km S-SE Benachanahalli Kere-3.09 Km SW Nayakanapalya Kere-3.91 Km N-NW Maviakunte Kere-6.77 Km E-SE Manne Kere-6.55 Km S Maldala Kere- 8.91Km W
	e.	Other Specify	None
18	Applicability of General Condition of the EIA Notification, 2006		None
19	Details of Land Use in Acres-Guntas		
	A	Existing Quarry area	0.1897
	B	Dump Yard	0.0100
	C	Mineral Stock yard	0.0100
	D	Infrastructure	0.0050
	E	Road	0.0050

	F	Green belt	0.1650	
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	2.50 KLD
			Domestic	0.25KLD
			Other	0.75 KLD
			Total	3.50 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 was invited for the 233rd meeting held on 30th October 2019 for appraisal.

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

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., and also approval from District task force. The lease has been notified on 21-06-2017.

As seen from the quarry plan there is a level difference of 21 meters within the mining area and taking this into consideration the committee opined that 35% of the proposed proved quantity of 295776 tons or 113760 cum can be mined safely and scientifically to a quarry pit depth of 15 meters for a lease period.

As per the extended combined sketch prepared by DMG this deposit area extends in two Districts i.e Tumkur and Bangalore Rural Dist and as per the combined sketch there are two other leases within the 500 meter radius from this lease in Tumkur Dist and 5 other leases in Bangalore Rural Dist. And the proponent has claimed exemption from cluster effect for all these 7 leases based on the fact that these leases either granted prior to 9.9.2013 or ECs were issued prior to 15.01.2016. Leaving apart this leases only two fresh leases were left and combined area of these two leases being less than 5Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1.25KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.00 lakhs to take up rejuvenation of Dyapenahalli kere which is at a distance of 2.0 KM. 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.

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

233.10 Proposed Building Stone Quarry Project at Sy.No.74/2/1 of Zhapur Village, Kalaburagi Taluk, Kalaburagi District (5-20 Acres) by Sri Anwar Miya (SEIAA 635 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**Sri. Anwar Miya** S/o. Sri. Shaik Hussain Khaja Darshanapura Layout Santhrasawadi, Kalaburagi District Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 5-20 Acres of Patta Land bearing Sy. No. 74/2/1 of Zhapur Village Kalaburagi Taluk & District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 17°16'24.1"	E 76°55'22.4"
		B	N 17°16'28.6"	E 76°55'20.1"
		C	N 17°16'24.5"	E 76°55'17.4"
		D	N 17°16'19.0"	E 76°55'18.2"
4	Type of Mineral	Building 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 Acres	5-20 acres		
9	Actual Depth of sand in the lease area	NA		

	in case of River sand			
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		37,108(Avg.) Tons/ Annum	
14	Quantity of Topsoil/Over burden in cubic meter		None	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		757 Tons/Annum	
16	Project Cost (Rs. In Crores)		0.20	
17	Environmental Sensitivity			
	a.	Nearest Forest	None with in 5 Km	
	b.	Nearest Human Habitation	Zhapur-0.80 Km	
	c.	Educational Institutes, Hospital	Kalaburagi which is Taluk head quarter-12.0 Km	
	d.	Water Bodies	Pala Kere-2.14 Km E Bairaveshwara Kere-5.07 Km SE Gulbarga Kere-9.18Km NW	
	e.	Other Specify	None	
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Hectares			
	a.	Existing Quarry area	1-35	
	b.	Dump Yard	0-00	
	c.	Mineral Stock yard	0-01	
	d.	Infrastructure	0-01	
	e.	Road	0-04	
	f.	Buffer Zone	1-10	
	g.	Undisturbed area	2-09	
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	4.55KLD
			Domestic	0.45 KLD
			Other	1.50 KLD

			Total	6.50 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 was invited for the 233rd meeting held on 30th October 2019 for appraisal.

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

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 also obtained land conversion order. The lease has been notified on 28-09-2018.

As seen from the quarry plan there is a level difference of 14 meters within the mining area and taking this into consideration and also the fact that the undisturbed area 2Acres 9 Guntas can be utilized for mining, the committee opined that 85% of the proposed proved quantity of 1190257 tons or 447465 cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As per the extended combined sketch prepared by DMG there are two leases including this lease within 500 meter radius from this lease. The total area of these two lease being 10 Acre 10Guntas and which is being less then the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

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.20.00lakhs to take up rejuvenation of Pala kere which is at a distance of 2.1 KM. 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.

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

233.11 Proposed Building Stone Quarry Project at Sy.No.74/2/3 of Zhapur Village, Kalaburati Taluk, Kalaburagi District (4-30 Acres) by Sri Mohammed Younus Miya (SEIAA 636 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**Sri. Mohammed Younus Miya** S/o. Sri. Mashaqsab H.No.7-1202/122/2A 11th Cross, Near Ameena Masjid Umar Colony, Isiamabad Ring Road Kalaburagi District, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 4-30 Acres of Patta Land bearing Sy. No. 74/2/3 of Zhapur Village Kalaburagi Taluk & District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 17°16'21.4"	E 76°55'22.1"
		B	N 17°16'18.7"	E 76°55'21.9"
		C	N 17°16'19.2"	E 76°55'29.9"
		D	N 17°16'21.9"	E 76°55'29.8"
4	Type of Mineral	Building 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 Acres	4-30 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	58,913(Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in	None		

	cubic meter			
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		1,202Tons/Annum	
16	Project Cost (Rs. In Crores)		0.18	
17	Environmental Sensitivity			
	a.	Nearest Forest	None with in 5 Km	
	b.	Nearest Human Habitation	Zhapur-0.90 Km	
	c.	Educational Institutes, Hospital	Kalaburagi which is Taluk head quarter-12.0 Km	
	d.	Water Bodies	Pala Kere-2.0 Km E Bairaveshwara Kere-4.88 Km SE Gulbarga Kere-9.36Km NW	
	e.	Other Specify	None	
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Hectares			
	a.	Existing Quarry area	3-28	
	b.	Waste Dump	0-02	
	c.	Mineral Stock yard	0-06	
	d.	Infrastructure	0-00	
	e.	Road	0-02	
	f.	Buffer Zone	0-32	
	g.	Undisturbed area	0-00	
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	3.55KLD
			Domestic	0.45 KLD
			Other	1.50 KLD
			Total	5.50 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 was invited for the 233rd meeting held on 30th October 2019 for appraisal.

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

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 also obtained land conversion order. The lease has been notified on 04-06-2019.

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 80% of the proposed proved quantity of 946604 tons or 355866 cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As per the extended combined sketch prepared by DMG there are two leases including this lease within 500 meter radius from this lease. The total area of these two lease being 10 Acre 10Guntas and which is being less then the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

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.16.00 lakhs to take up rejuvenation of Byraveswara kere which is at a distance of 5.0 KM. 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.

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

233.12 Proposed Pink Granite Quarry Project at Sy.No.399 of Hulgere Village, Kustagi Taluk, Koppal District (Q.L.No.398) (2-00 Acres) by Smt. Ningavva (SEIAA 637 MIN 2019)

The proponent was invited for the 233th 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.

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

233.13 Proposed Ornamental Stone (Pink Granite) Quarry Project at Sy.No.42/1 of Koranahalli Village, Arasikere Taluk, Hassan District (3-00 Acres) by Sri Nanjunda Bovi (SEIAA 639 MIN 2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>"Ornamental Stone (Pink Granite) Quarry" of
Sri. Nanjunda Bovi
S/o Sidda Bovi,
#18, Kachigatta, Megalahatti,
Arasikere Taluk,
Hassan District-573112, Karnataka.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Ornamental Stone (Pink Granite) Quarry" of Sri. Nanjunda Bovi
Sy No. 42/1,
Koranahalli Village,
Arasikere Taluk,
Hassan District,
Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>
<table>
<tr><th>Corner Pillar</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 13° 22′ 55.8″</td><td>E 76° 09′ 39.8″</td></tr>
<tr><td>B</td><td>N 13° 22′ 53.9″</td><td>E 76° 09′ 44.4″</td></tr>
<tr><td>C</td><td>N 13° 23′ 01.2″</td><td>E 76° 09′ 39.5″</td></tr>
<tr><td>D</td><td>N 13° 23′ 01.2″</td><td>E 76° 09′ 38.2″</td></tr>
<tr><td colspan="3">WGS-84 DATUM</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Pink Granite</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Pattaland</td></tr>
</table>

7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		1.21Ha
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed		Ornamental Stone (Pink Granite) Quarry
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016		Ornamental Stone (Pink Granite) 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		1200Cu.m
14	Quantity of Topsoil/Over burden in cubic meter		4500 Cu.m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		2229 Cu.m
16	Project Cost (Rs. In Crores)		1.11crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Bettadapura Reserved Forest - 4.20 Kms(S)
	b.	Nearest Human Habitation	Koranahalli – 1.60 Kms (SW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Arasikere – 11.60 Kms
	d.	Water Bodies	Koranahalli pond - 1.12 kms(S) Arakere kere - 1.90 kms (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	1-28
	b.	Waste Dumping Area	0-28
	c.	Mineral Storage Area	

	d.	Infrastructure Area	0-06	
	e.	Top Soil Yard		
	f.	Road Area	0-02	
	g.	Buffer Zone	0-16	
	h.	Unexplored area	--	
	g.	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	8.91 KLD
			Domestic	1.57 KLD
			Other	1.22 KLD
			Total	11.7 KLD
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	

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

The proponent was invited for the 233rd meeting held on 30th October 2019 for appraisal.

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

This is a fresh proposal 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.

As seen from the quarry plan there is a level difference of 8 meters and taking this into consideration 25% of the proposed gross quantity of 503888 cum can be mined safely and scientifically within the lease period. The proponent has stated that the recovery is 35% in the form of commercial blocks i.e., 44090 cum and 65% waste, i.e., 81881 cum which will be converted to building stone and the same has been reflected in approved mining 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 lease being less then the

threshold limit of 5Ha the committee decided to categorise this project 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 of 280 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.10.00 lakhs for a lease period to take rejuvenation of Koranahalli kere which is at a distance of 1100 meters 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.

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

233.14 Proposed Ordinary River Sand Block Project - Block No.16 - Kumaradhara River Bed at Sy.No.112 of Kenya Village, Sulya Taluk, Dakshinakannada District (5.15 Acres (2.085 Ha) by Sri K. Subrahmanya (SEIAA 641 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**Sri. K. Subrahmanya** S/o. Sri. Padmayya Gowda Kula Mane, Balpa Village Sulya Taluk, Dakshina Kannada, Karnataka		
2	Name & Location of the Project	Ordinary Sand Block No- Kumaradhara-16 (Kenya Block No.01) an extent of 5.15 acres (2.085 ha) in Adj. Sy. No.112 of Kenya Village, Sulya Taluk, Dakshina Kannada District, Karnataka.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 12^0 42′ 52.1″	E 75^0 30′ 11.3″
		B	N 12^0 42′ 50.1″	E 75^0 30′ 16.6″
		C	N 12^0 42′ 45.2″	E 75^0 30′ 22.4″
		D	N 12^0 42′ 45.9″	E 75^0 30′ 23.4″
		E	N 12^0 42′ 51.4″	E 75^0 30′ 17.7″
		F	N 12^0 42′ 53.9″	E 75^0 30′ 11.9″
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 Ha		5.15 acres (2.085 ha)
9	Actual Depth of sand in the lease area in case of River sand		4.0 m
10	Depth of Sand proposed to be removed in case of River sand		1.0 m
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		11,715 Tons/Annum
14	Quantity of Topsoil/Over burden in cubic meter		None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		239 Tons/Annum
16	Project Cost (Rs. In Crores)		0.25
17	Environmental Sensitivity		
	a.	Nearest Forest	Mujur RF-3.45 Km NE Kombar RF-5.78 Km E-NE Aranthakallu RF-3.90 Km E-SE Yenekal RF-8.47 Km E-SE Balpa RF-5..27 Km SE Yenmu RF-2.4 Km SW Dolpadi RF-5.26 Km W Kunturu RF-7.18 Km W-NW Konaje RF-6.5 Km N
	b.	Nearest Human Habitation	Kenya village
	c.	Educational Institutes, Hospital	Sulya-31.1 Km
	d.	Water Bodies	The project lies on Kumaradhara River
	e.	Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006		None
19	Details of Land Use in Ha		
	a.	Area for Mining/ Quarrying	2.085Ha.
	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	4.55 KLD
			Domestic	0.45 KLD
			Other	
			Total	5.00KLD
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 was invited for the 233rd meeting held on 30th October 2019 for appraisal.

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

This is a proposal involving sand mining in Kumaradhara River Bed. The proponent has got this lease through public auction. As per the quarry plan the average width of the river at the lease area is 166 meter and the buffer width of 76 meter has been left on right side and 40 meter on the left side of the river. The proponent has stated that the average dry weather flow in the lease area is 93.5 meter MSL and top level of the sand block is 95.5 meter MSL and the depth of the mining proposed being 1.0 meter and bottom of the mining pit will be 1.0 meter above the dry weather flow level. The proponent has stated that he will take up mining sub dividing the block into three equal portion and taking up one block every year for first three years to a depth of one meter and thereafter he will proceed with the mining after full replenishment sub dividing the entire block into two sub blocks and taking up mining in 4th and 5th year in each block for a depth of 0.67 meters every year. As per the quarry plan 95% of the proposed quantity of 59770 tons can be mined safely and scientifically after leaving side slopes of 1:1 ½ for a plan period of five years.

As per the cluster sketch prepared by DMG there are two leases including this lease and combined area of these leases being 10.34 Acres 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 100 meter 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 100 meters and proceeding further to connect all weather road i.e., Kenya village road at a overall distance of 580 meters.

As far as CER is concerned the proponent has stated that he has earmarked Rs.1.50 lakhs to take up river bank strengthening works.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance with the following conditions:

1) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.

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

233.15 Proposed Building Stone Quarry Project at Sy.No.404 of Yalaagalahalli Village, Chikkaballapura Taluk & District (1-20 Acres) by Sri C. Pattalappa (SEIAA 645 MIN 2019)

<table>
<tr><td>Sl. No</td><td>PARTICULARS</td><td>INFORMATION</td></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>SRI PATALAPPA</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry of
Sri Patalappa
Extent of 1-20 Acre under part of Sy.No-404
Yalagalahalli Village,
Chikkaballapur Taluk &District, Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><td>Boundary Points</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>N 13□36′ 30.5″</td><td>E 77□46′ 27.6″</td></tr></table></td></tr>
</table>

<table>
<tr><td></td><td></td><td>
<table>
<tr><td>B</td><td>N 13□36′ 30.6″</td><td>E 77□46′ 30.3″</td></tr>
<tr><td>C</td><td>N 13□36′ 28.8″</td><td>E 77□46′ 31.2″</td></tr>
<tr><td>D</td><td>N 13□36′ 27.5″</td><td>E 77□46′ 28.6″</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building stone</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Gomala Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.607</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>NA</td></tr>
<tr><td>11</td><td>Annual Production Proposed (Metric Tons/ CUM) / Annum</td><td>
<table>
<tr><th>Year</th><th>Saleable Building Stone in Tonnes</th></tr>
<tr><td>1st</td><td>87,396</td></tr>
<tr><td>2nd</td><td>85,969</td></tr>
<tr><td>3rd</td><td>84,899</td></tr>
<tr><td>4th</td><td>83,294</td></tr>
<tr><td>5th</td><td>81,688</td></tr>
<tr><td>Total</td><td>4,23,246</td></tr>
</table>
</td></tr>
<tr><td>12</td><td>Quantity of Topsoil/Over burden in cubic meter</td><td>--</td></tr>
<tr><td>13</td><td>Mineral Waste Handled (Metric Tons/ CUM)/ Annum</td><td>8,635 Tonnes for a period of 5 years.</td></tr>
</table>

14	Project Cost (Rs)		15 lakhs.
15	Environmental Sensitivity		
	a.	Nearest Forest	
	b.	Nearest Human Habitation	Yalagalahalli 2.6km from the proposed lease area.
	c.	Educational Institutes, Hospital	Chikkaballapur 19.6km from the proposed lease area.
	d.	Water Bodies	ThimmenahalliLake –4.2 Kms (E)
	e.	Other Specify	-
16	Applicability of General Condition of the EIA Notification, 2006		
17	Details of Land Use in Ha		

Sl. No.	Particulars	Area in Acres
1	Quarry workings	0.404
2	Buffer Zone	0.121
3	Dump Yard	0.020
	Roads	0.020
	Mineral Storage	0.020
	Infrastructure	0.020
Total		**0.605**

18	Method of Mining/ Quarrying		Method of Mining is Semi-Mechanized with Open Cast Method. The mining operation involves drilling, loading and unloading	
19	Water Requirement			
	a.	Source of water	Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 3.0 KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	1.0
			Domestic	0.6
			Other	1.4
			Total	**3.0**
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 was invited for the 233rd meeting held on 30th October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

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 23-07-2019.

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 465010tons or 178850cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As per the cluster sketch prepared by DMG there are 12 other leases within 500 meter radius from this lease and all of which were granted prior to 9.9.2013 and based on this proponent has requested for the exemption from cluster effect. The total area of this being less then the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1.4meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.3.5 lakhs to take up rejuvenation of Thimmenahalli kere which is at a distance of 4.2 KM. 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.

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

233.16 Proposed Building Stone Quarry Project at Sy.No.130/1P1 of Shiroor Village, Brahmavara Taluk, Udupi District (1-00 Acre) by Sri Sankayya Shetty (SEIAA 647 MIN 2019)

Sl. No	PARTICULARS	INFORMATION

<table>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Sankayya Shetty,
S/o. K Vithala Shetty,
1-14 Sanagal, Yedthady Post,
Yedthady Udupi District,
Karnataka - 576210</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building. Stone Quarry" of
Sri. Sankayya Shetty
Sy No. 130/1P1,
Shiroor village,
Brahmavara Taluk,
Udupi District,
Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>
<table>
<tr><th>Corner Pillar</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 13° 30′26.6″</td><td>E 74° 51′ 35.0″</td></tr>
<tr><td>B</td><td>N 13° 30′ 29.2″</td><td>E 74° 51′ 31.9″</td></tr>
<tr><td>C</td><td>N 13° 30′ 29.7″</td><td>E 74° 51′ 32.9″</td></tr>
<tr><td>D</td><td>N 13° 30′ 28.2″</td><td>E 74° 51′ 35.8″</td></tr>
<tr><td colspan="3">MAP DATUM –WGS 84 DATUM</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Type of Project</td><td>Building Stone</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.404Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed in case of River sand</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>It's Building Stone.</td></tr>
</table>

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		No topsoil to be proposed during plan period	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		1,316 tons per annum	
16	Project Cost (Rs. In Crores)		0.67crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Dangargudde Forest -7.00Kms (NW) Dense Mixed Forest In 0.5Kms Radius	
	b.	Nearest Human Habitation	Shiroor village-0.93Kms(N)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Brahmavara -14.82 Kms(SW)	
	d.	Water Bodies	Sitha river-0.56Kms(E)	
	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	0.60	
	b.	Waste Dumping Area	0.05	
	c.	Top Soil yard	0.05	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0.05	
	g.	Buffer Area	0.25	
	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	6.7KLD
			Domestic	1.5 KLD
			Other	1.2 KLD
			Total	9.4 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 233th 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.

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

233.17 Proposed Building Stone Quarry Project at Sy.No.69/2A/1 of Chimmada Village, Rabakavi-Banahatti Taluk, Bagalkot District (3-00 Acres) By Sri Basavaraj S Kaluti (SEIAA 650 MIN 2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Basavaraj S Kaluti,
S/o. Sadashiv,
Maigur Road, Abubakar Darga,
Kaluti Nagar,
Jamkhandi Taluk,
Bagalkot District</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building StoneQuarry" over an extent3-00 Acres at Sy. No.69/2A/1 of Chimmada village,Rabakavi-BanahattiTaluk, Bagalkote district, Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>SL.N</th><th>Latitude</th><th>Longitude</th></tr><tr><td>1</td><td>N 16°25′ 03.9″</td><td>E 75°08′ 29.6″</td></tr><tr><td>2</td><td>N 16°25′ 08.2″</td><td>E 75°08′ 30.1″</td></tr><tr><td>3</td><td>N 16°25′ 08.4″</td><td>E 75°08′ 27.4″</td></tr><tr><td>4</td><td>N 16°25′ 04.0″</td><td>E 75°08′ 26.4″</td></tr><tr><td colspan="3">WGS - 84 DATUM</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Patta Land</td></tr>
</table>

7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.21Ha
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 ongoing/expansion/modification of mining proposals other than river sand	Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	90,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	Top soil of 1.0m (8,700 m3) is available
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	4,737 TPA
16	Project Cost (Rs. In Crores)	1.09 crores
17	Environmental Sensitivity	

	a.	Nearest Forest	None with in 5kms
	b.	Nearest Human Habitation	Chimmada – 3.00 kms (W)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Rabakavi-Banahatti 6.70 kms
	d.	Water Bodies	Mahalingpur Kere -4.05Kms
	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	2-06
	b.	Waste Dumping Area	0-02
	c.	Top Soil Storage Area	0-04
	d.	Mineral Storage Area	
	e.	Infrastructure Area	
	f.	Road Area	0-02
	g.	Green Belt Area/Buffer Zone	0-26
	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	9.0KLD
			Domestic	1.5 KLD
			Other	1.7 KLD
			Total	12.2KLD
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	

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

The proponent was invited for the 233rd meeting held on 30th October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

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 also obtained land conversion order. The lease has been notified on 16-08-2019.

As seen from the quarry plan there is a level difference of 3.5 meters within the mining area and taking this into consideration the committee opined that 60% of the proposed proved quantity of 548662 tons or 206263 cum i.e 329197 tons or 123758cum can be mined safely and scientifically to a quarry pit depth of 20 meters for a lease period.

As per the extended combined sketch prepared by DMG there are three leases including this lease within 500 meter radius from this lease out of which EC for two other leases were granted prior to 15-1-2016 and based on this proponent has requested to exemption for these two leases from cluster effect. The total area of this lease being less then the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

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.7.00 lakhs to take up rejuvenation of Banahatti kere which is at a distance of 6.0 KM. 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.

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

233.18 Proposed Building Stone Quarry Project at Sy.No.20 of Hanumanthapura Village, Chikkaballapura Taluk & District (2-00 Acres) By M/s. Srinidhi Stone Suppliers (SEIAA 651 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	**M/s Srinidhi Stone Suppliers** #120 Kanmangala Village & Post, Kasaba Hobli, Devanahalli Taluk Bengaluru Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 2-00 Acres of Govt. Land bearing Sy. 20,Hanumanthapura Village, Chikkaballapura Taluk& District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°35'08.8"	E 77°45'14.5"
		B	N 13°35'06.9"	E 77°45'17.2"
		C	N 13°35'04.9"	E 77°45'15.9"
		D	N 13°35'06.7"	E 77°45'13.1"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	Renewal Quarry (Vide QL No. 638)		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	2-00 acres		
9	Actual Depth of sand in the lease	NA		

	area in case of River sand		
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		47,606 (Avg.) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter		None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		972Tons/Annum
16	Project Cost (Rs. In Crores)		0.15
17	Environmental Sensitivity		
	a.	Nearest Forest	Haristhala R.F -3.34 Km SE Narasimhadevarabetta R.F -3.61 Km SW
	b.	Nearest Human Habitation	Hanumanthapura-0.9 Km
	c.	Educational Institutes, Hospital	Chikkaballapura-21 Km
	d.	Water Bodies	AdegarahalliKere -1.37 Km N-NE KamaganapalliKere -2.2 Km E-NE MandikalKere -2.24 km W-NW BandahalliKere -2.44 Km S AddagalKere -2.76 Km S-SW KolgundlahalliKere -2.87 Km SE HosahalliKere -2.9 Km NW DommaragudesaluKere -3.51 Km E-NE JamalakunteKere -3.98 Km N JiganahalliKere -4.6 Km NW BodimarenahalliKere -4.63 Km N-NW ChokkanahalliKere -5.29 Km NE ChikkamakanahalliKere -5.61 Km E-NE BommanahalliKere -5.90 N SamasenahalliKere -6.16 Km SE GovdanahalliKere -6.44 Km E-SE PolamhalliKere -6.62 Km N-NE YalgereKere -6.62 Km S-SE VenkatapuraKere -6.87 Km E-SE AppireddihalliKere -7.34 Km N YalakalarallahalliKere -7.4 Km NW

			Ramasandra Tank -7.53 Km E SadasivanahalliKere -7.63 Km N-NE LakshmisagaraKere -7.95 Km NE BairasagaraKere -8.12 Km NW TimmanahalliKere -8.34 Km E-NE	
	e.	Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Hectares			
	a.	Quarry workings	1-14	
	b.	Roads	0-02	
	c.	Mineral storage	0-01	
	d.	Infrastructure	0-01	
	e.	Proposed Buffer Zone or Safety Zone	0-22	
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	3.45 KLD
			Domestic	0.35 KLD
			Other	2.70 KLD
			Total	5.50 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 was invited for the 233rd meeting held on 30th October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

The committee noted that this is a proposal for old lease involving building stone mining in Govt. Land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also approval from District task force. The lease has been granted earlier on 08-11-2005 for a period of 5 Years i.e up to 2010. The proponent has stated that he has carried out mining up to 2010-11 and the same has been reflected in the audit report prepared by DMG. The proponent has stated that the lease period will

automatically gets extended for 20 years i.e up to 2025 as per the amendment to KMMCR Rules.

As seen from the quarry plan there is a level difference of 10 meters within the mining area and taking this into consideration and also the fact that he has mined 2600tons the committee opined that 80% of the proposed proved quantity of 242886tons or 92352cum can be mined safely and scientifically to a quarry pit depth of 12 meters for a lease period.

As per the extended combined sketch prepared by DMG there are eleven leases including this lease within 500 meter radius from this lease and all these leases were granted prior to 9.9.2013 and based on this proponent has requested to exempt these leases from cluster effect. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.8KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.5.00 lakhs to take up rejuvenation of Yelagarahalli kere which is at a distance of 1.37 KM. 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.

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

233.19 Proposed Building Stone (M-Sand) Quarry Project at Sy.No.33 of Guttapalli Village, Srinivasapura Taluk, Kolara District (8-00 Acres) By Sri C.S. Prasad (SEIAA 652 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. C S Prasad No. 18(40) Anantasai, 10th Main, 9th Cross, Shakambarinagara J P nagar 1st stage, Bengaluru Karnataka 560078

<table>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone(M-Sand) Quarry" of Sri. C S Prasad
Sy No. 33
Guttapalli Village
Srinivasapura Taluk
Kolar District
Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table>
<tr><th></th><th colspan="2">WGS 84 Spherical Coordinates</th></tr>
<tr><th>Points</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>13°23'32.7924"N</td><td>78°22'33.0280"E</td></tr>
<tr><td>B</td><td>13°23'30.8867"N</td><td>78°22'29.5537"E</td></tr>
<tr><td>C</td><td>13°23'37.4356"N</td><td>78°22'23.2395"E</td></tr>
<tr><td>D</td><td>13°23'39.5657"N</td><td>78°22'26.6080"E</td></tr>
<tr><td>Ref. 1</td><td>13° 23'03.9925"N</td><td>78° 22'45.5467"E</td></tr>
</table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone (M-Sand)Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Gomala Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>3.237Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>It's a Building Stone (M-Sand)Quarry</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>Fresh land</td></tr>
<tr><td>13</td><td>Annual Production Proposed (Metric Tons/ CUM) / Annum</td><td>1,50,228Tons/annum</td></tr>
<tr><td>14</td><td>Quantity of Topsoil/Over burden</td><td>No topsoil to be proposed during plan period</td></tr>
</table>

	in cubic meter			
15	Mineral Waste Handled (Metric Tons/ CUM)		3,066 TPA	
16	Project Cost (Rs. In Crores)		1.11crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Rayalpadu State Forest -100m (NE)	
	b.	Nearest Human Habitation	Guttapalli village at 1.2 kms (W)	
	c.	Educational Institutes, Hospital	Srinivasapura 19.11 kms (NW)	
	d.	Water Bodies	Guttapali Pond – 0.21 kms (NW) Adivachambakur Lake- 1.4Kms (W)	
	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	6.00	
	b.	Waste Dumping Area	0.10	
	c.	Top Soil Storage Area	0.00	
	d.	Mineral Storage Area	0.20	
	e.	Infrastructure Area	0.05	
	f.	Road Area	0.00	
	g.	Green Belt Area/Buffer Zone	0.65	
	h.	Unexplored area	1.00	
	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	10.80 KLD
			Domestic	1.57 KLD
			Other	1.23 KLD
			Total	13.6 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 proponent was invited for the 233th 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.

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

31st October 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
Shri Venkatesan	-	Secretary

EIA Proposals:

233.20 Proposed Expansion of Bulk drugs & Intermediates manufacturing unit at Plot No.29P, KIADB Industrial Area, Raichur Growth Centre, Raichur Tq & District Chicksugur-584134 by M/s. Jayanth Life Sciences Pvt Ltd(SEIAA 05 IND 2019)

Sl. No	PARTICULARS		INFORMATION
1	Name & Address of the Project Proponent		**Mr.B.Koti Reddy Managing Director Plot no.62,Phase-III, Saket colony,ECIL post kapra,Hyderabad 500062**
2	Name & Location of the Project		**M/s. Jayanth Life Science Pvt Ltd Plot No.29P,Growth center,Wadloor Road,Industrial Area,Chicksugur,, Raichur Tq. & District, Chiksugur – 584 134, Karnataka.**
3	Co-ordinates of the Project Site		Latitude - 16° 18'55.43"N Longitude - 77° 21'13.37"E
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	Krishna river- 7.6 km
	b.	Distance from Protected area notified under wildlife	--

		protection act	
	c.	Distance from the interstate boundary	Karnataka -Telgana Border-8.3Km
	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		Activity 5 (f) of Category-A
6	New/ Expansion/ Modification/ Product mix change		Expansion
7	Plot Area (Sqm)		8910Sqmt
8	Built Up area (Sqm)		3628.12Sqmt
9	Component of developments		"Manufacturing of Bulk drug and Intermediates unit"
10	Project cost (Rs. In crores)		24.77 Crores
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	3628.12Sqmt
	b.	Kharab Land	--
	c.	Internal Roads	1663.38Sqmt
	d.	Paved area	500Sqmt
	e.	Parking	--
	f.	Green belt	3118.50Sqmt
	g.	Others Specify	--
	h.	Total	8910Sqmt
12	Products and By- Products with quantity (enclose as Annexure if necessary)		**Refer Annexure-1**
13	Raw material with quantity and their source (enclose as Annexure if necessary)		**Refer Annexure-2**
14	Mode of transportation of Raw material and storage facility		The chemicals required for the process are mostly bought from the local (indigenous) markets. Mode of transportation of all raw materials to the project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		Mode of transportation of coal to the project site is by road and will be stored in Coal storage yard
16	Fly ash production, storage and disposal details whereas coal is used as fuel		Coal ash from boiler will be stored in designated area and will sent to cement industry.

17	Complete process flow diagram and technology employed		Will be detailed in prefeasibility report	
18	Details of Plant and Machinery with capacity/ Technology used		Annexure 3	
19	Details of VOC emission and control measures wherever applicable		--	
20	WATER			
	I.	Construction Phase		
	a.	Source of water	KIADB supply	
	b.	Quantity of water for Construction in KLD	1 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	1 KLD	
	d.	Waste water generation in KLD	0.8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Treated in soak pit	
	II	Operational Phase		
	a.	Source of water	KIADB supply	
	b.	Total Requirement of Water in KLD	Fresh	90.95KLD
			Recycled	.....
			Total	**90.95KLD**
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	84.95 KLD
			Recycled	--
			Total	**84.95 KLD**
	d.	Requirement of water for domestic purpose in KLD	Fresh	3 KLD
			Recycled	--
			Total	**3KLD**
	e.	Waste water generation in KLD	Industrial effluent	51.62 KLD
			Domestic sewage	2.5 KLD
			Total	**54.12 KLD**
	f.	ETP/ STP capacity	Septic tank and soak pit	
	g.	Technology employed for Treatment	MEE of 33 KLD capacity,3step mechanism with ATFD	
	h.	Scheme of disposal of excess treated water if any	Zero discharge	
21	Infrastructure for Rain water harvesting		NA	
22	Storm water management plan		For the storm water drain, will going to provide closed concrete structures which do not pass chemical to the drain by washing and treatment of chemicals.	
23	Air Pollution			
	a.	Sources of Air pollution	Dg set, Boiler ,reaction vessels	

	b.	Composition of Emissions	--	
	c.	Air pollution control measures proposed and technology employed	Multicyclone ,bag filter connected to boiler to control particulate matter Two stage scrubber provided to glass line reactors vents to control acid mist	
24		Noise Pollution		
	a.	Sources of Noise pollution	Dg set, motors, compressor	
	b.	Expected levels of Noise pollution in dB	75 dB	
	c.	Noise pollution control measures proposed	Dg set will be installed with inbuilt acoustic enclosures	
25		WASTE MANAGEMENT		
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Organic solid waste	724.57 kg/day
			MEE salts	916.94 Kg/day
			Used oils	1.5KL/day
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms		
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--	
26		Risk Assessment and disaster management	Will be provided during EIA submission	
27		POWER		
	a.	Total Power Requirement in the Operational Phase with source	Electricity- GESCOM Existing- 1500 KVA Coal Fired Boilers: 5TPH	
	b.	Numbers of DG set and capacity in	500 kVA X 1	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,	Boiler – Coal Dg set - HSD	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as CFL and LED lights are proposed in the project.	
28		PARKING		
	a.	Parking Requirement as per norms	60 numbers	
	b.	Internal Road width (RoW)	Approach road width – 18m Internal road width - 5m(min)	
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 meeting 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. 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.
4. 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.
5. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage. The quantity of solvent storage shall be limited such that the red zone during risk assessment is limited within the boundary of the unit.
6. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
7. 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.
8. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.
9. Present the scheme proposed to isolate the lithium (if used) and other salts from MEE and explore the possibility of their disposal advantageously.
10. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.
11. 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.

12. Explore the alternate source of fuel for the boilers instead of coal.
13. Explore the possibility of adoption of nano technology to reduce the volume of organic raw materials.

Accordingly ToRs were issued on 28-05-2019. The proponent has submitted the EIA report on 09-10-2019 and the same was placed before the committee for EIA appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance.

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

233.21 Proposed Modification and Expansion of Bulk drug & intermediates manufacturing unit at Plot No.57,58, 69, 70 KIADB Industrial Area, Raichur Growth Centre, Raichur Taluk & District, Chicksugur by M/s. Vibrant Pharmachem Pvt Ltd (SEIAA 06 IND 2019)

Sl. No	PARTICULARS		INFORMATION
1	Name & Address of the Project Proponent		**Mr. Srinivasroa M** Managing Director AtPlot No.: 120, 121, 122. K.I.A.D.B., Industrial Area, Raichur Growth Centre, Raichur Tq. & District, Chiksugur – 584 134, Karnataka.
2	Name & Location of the Project		**M/s. Vibrant Pharmachem Private Limited Plot No.: 57, 58, 69 and 70. K.I.A.D.B., Industrial Area, Raichur Growth Centre,Chiksugur, Raichur Tq. & District, Karnataka – 584 134**
3	Co-ordinates of the Project Site		**Latitude - 16° 18'32.0"N** **Longitude - 77° 21'23.24"E**
4	Environmental Sensitivity		
	a.	Distance From nearest Lake/ River/ Nala	Krishna river- 8.2 Km
	b.	Distance from Protected area notified under wildlife protection act	--

	c.	Distance from the interstate boundary	Karnataka – Andhra pradesh– 8.4 Km (SE)
	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		Activity 5 (f) of Category-B
6	New/ Expansion/ Modification/ Product mix change		Expansion
7	Plot Area (Sqm)		8094Sqmt
8	Built Up area (Sqm)		1698.94Sqmt
9	Component of developments		"Manufacturing of Bulk drug and Intermediates unit"
10	Project cost (Rs. In crores)		Rs. 17.96Crores
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	--
	b.	Kharab Land	--
	c.	Internal Roads	1850Sqmt
	d.	Open area	1744.35 Sqmt
	e.	Parking	--
	f.	Green belt	2800.71
	g.	Others Specify	--
	h.	Total	8094Sqmt
12	Products and By- Products with quantity (enclose as Annexure if necessary)		**Refer Annexure-1 and 2**
13	Raw material with quantity and their source (enclose as Annexure if necessary)		Details are in Pre-feasibility report,
14	Mode of transportation of Raw material and storage facility		The chemicals required for the process are mostly bought from the local (indigenous) markets. Mode of transportation of all raw materials to the project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		Mode of transportation of coal to the project site is by road and will be stored in Coal storage yard
16	Fly ash production, storage and disposal details whereas coal is used as fuel		Coal ash from boiler will be stored in designated area and will sent o brick manufacturing industry
17	Complete process flow diagram and technology employed		Will be detailed in EIA

18	Details of Plant and Machinery with capacity/ Technology used		Electricity– GESCOM Existing Utilities Coal Fired Boilers: 1.5 TPH. Oil heating system – 2X2 lakh Kilo calories	
19	Details of VOC emission and control measures wherever applicable		–	
20	WATER			
	I.	Construction Phase		
	a.	Source of water	Open well	
	b.	Quantity of water for Construction in KLD	2 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	1 KLD	
	d.	Waste water generation in KLD	0.8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Treated in soak pit	
	II	Operational Phase		
	a.	Source of water	KIADB	
	b.	Total Requirement of Water in KLD	Fresh	73 KLD
			Recycled	–
			Total	**73 KLD**
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	19.8 KLD
			Recycled	–
			Total	**19.8 KLD**
	d.	Requirement of water for domestic purpose in KLD	Fresh	4.2KLD
			Recycled	2.1
			Total	**6.3 KLD**
	e.	Waste water generation in KLD	Industrial effluent	42.7 KLD
			Domestic sewage	2.5 KLD
			Total	**45.2 KLD**
	f.	ETP/ STP capacity	Biological treatment plant – 35KLD	
	g.	Technology employed for Treatment	MEE of 30 KLD capacity with 5 KLD stripping section	
	h.	Scheme of disposal of excess treated water if any	Zero discharge	
21	Infrastructure for Rain water harvesting		NA	
22	Storm water management plan		For the storm water drain, will going to provide closed concrete structures which do not pass chemical to the drain by washing and treatment of chemicals.	
23	Air Pollution			

	a.	Sources of Air pollution	Dg set, Boiler	
	b.	Composition of Emissions	--	
	c.	Air pollution control measures proposed and technology employed	Process emission will be connected to 2 stage scrubber for treatment	
24	Noise Pollution			
	a.	Sources of Noise pollution	Dg set, motors, compressor	
	b.	Expected levels of Noise pollution in dB	75 dB	
	c.	Noise pollution control measures proposed	Dg set will be installed with inbuilt acoustic enclosures	
25	WASTE MANAGEMENT			
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Organic solid waste	2156.33 kg/day
			MEE salts	7012.57 Kg/day
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	**Attached as annexure -3**	
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--	
26	Risk Assessment and disaster management		Will be provided during EIA submission	
27	POWER			
	a.	Total Power Requirement in the Operational Phase with source	Electricity Source-GESCOM Existing-- 500 KVA Proposed- 300 KVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Existing-325KVA X 1, 125 KVA X 1 Proposed- 325 KVA X 1	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc..,	Boiler – Coal Hot oil boiler- oil fired Dg set - HSD	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as CFL and LED lights are proposed in the project.	
28	PARKING			
		Parking Requirement as per norms	50 numbers	
	b	Internal Road width (RoW)	Approach road width – 18.25 m	

	.	Internal road width -6m(min)
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 meeting 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. Compliance to EC conditions and CFE/CFO conditions may be furnished.
2. Establish with layout plan the adoption of GMP for manufacturing products supported by P & ID.
3. 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.
4. 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.
5. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage. The quantity of solvent storage shall be limited such that the red zone during risk assessment is limited within the boundary of the unit.
6. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
7. 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.
8. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.

9. Present the scheme proposed to isolate the lithium (if used) and other salts from MEE and explore the possibility of their disposal advantageously.
10. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.
11. 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.
12. Explore the alternate source of fuel for the boilers instead of coal.
13. Explore the possibility of adoption of nano technology to reduce the volume of organic raw materials.

Accordingly ToRs were issued on 28-05-2019. The proponent has submitted the EIA report on 09-10-2019 and the same was placed before the committee for EIA appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance.

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

Fresh subjects:

233.22 Proposed Residential Development Project at Sy.No.130/3(P) of Bommenahalli Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Sattva Developers Pvt Ltd(SEIAA 138 CON 2019)

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	**M/s. Sattva Developers Private Limited,** 4thFloor, Salarpuria Windsor, No.3, Ulsoor Road, Bengaluru - 560 042.
2	Name & Location of the Project	**Proposed Residential Development** At Sy. No. 130/3(P), Bommenahalli Village, BidarahalliHobli, Bengaluru East Taluk, Bengaluru.
3	Co-ordinates of the Project Site	Latitude: 13° 03' 46.00" N Longitude: 77° 44' 48.64" E
4	Environmental Sensitivity	

	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	➢ Bommenahalli Lake - 300 m from the project site.
	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.	➢ Bommenahalli Lake - 300 m from the project site.
5		Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other	Residential Apartment
	b.	Residential Township/ Area Development Projects	No
6		Plot Area (Sqm)	13,425.4 Sqmt (3 Acres 12.70 Guntas)
7		Built Up area (Sqm)	34,187.3791 Sqmt
8		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3Wings Wing A - G+10UF Wing B-B+Stilt+10UF Wing C - B+Stilt+10UF
9		Number of units in case of Construction Projects	338 Nos.
10		Number of Plots in case of Residential Township/ Area Development Projects	No
11		Project Cost (Rs. In Crores)	Rs69.79Crores
12		Recreational Area in case of Residential Projects / Townships	1,342.54 Sqmt (Park &Open Space)
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	2,968.94 Sqmt
	b.	Kharab Land	--
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	4,204.33 Sqmt
	d.	Internal Roads	3,192.86 Sqmt
	e.	Paved area	--
	f.	Others Specify	Service area - 208 Sqmt Civic Amenities Area – 671.27 Sqmt Surface car parks – 2,180 Sqmt
	g.	Parks and Open space in case of Residential Township/ Area	Included in the landscape area

		Development Projects		
	h.	Total	13,425.4Sqmt	
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	
	b.	Total quantity of Excavated earth (in cubic meter)	24,000Cum	
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	24,000Cum	
	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	Nearby project STP treated water	
	b.	Quantity of water for Construction in KLD	6.4 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	3.0 KLD	
	d.	Waste water generation in KLD	2.9 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated from the construction site is 2.9 KLD which will be collected in collection tank and from there it will be lifted to BWSSB sewage treatment plant through external agencies for further treatment.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	105 KLD
			Recycled	151 KLD
			Total	256KLD
	b.	Source of water	MandurGramaPanchayat	
	c.	Waste water generation in KLD	205 KLD	
	d.	STP capacity	210 KLD	
	e.	Technology employed for Treatment	Sequencing Batch Reactor Technology	
	f.	Scheme of disposal of excess treated water if any	For Flushing - 85 KLD RO Water from STP for Domestic--66 KLD	
16	Infrastructure for Rain water harvesting			

	a.	Capacity of sump tank to store Roof run off	110 Cum X 1 No.			
	b.	No's of Ground water recharge pits	12 Nos.			
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	13 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	467 Kg/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	311 Kg/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: 0.31 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 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	1,640 kW			
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	320 kVA X 2 Nos.			
	c.	Details of Fuel used for DG Set	134.09 l/hr			
	d.	Energy c.onservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	➢ Solar water heater ➢ Solar lighting ➢ Cu wound transformer ➢ LED Energy Savings: 25.0%			
		PARKING				
	a.	Parking Requirement as per norms	Required	Provided		
			363 Nos.	368Nos.		
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Existing	Modified	Changed Scenario
			Nimbekaipura Road	B	B	B

			Budigere Road	C	C	A
	c.	Internal Road width (RoW)	6.0 m			

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

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

As seen from the village survey map there are no water bodies either in the form of nala or water body which attract buffer zone.

As far as CER is concerned the proponent has earmarked Rs.1.5 crores towards rejuvenation of flood devastated Belgaum District.

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

1) Solar panel layout utilizing the entire terrace area for solar power generation may be worked out and submitted.
2) Rain water storage tanks for storing water from hard paved area and treatment scheme for utilizing the same for primary purpose may be worked out and submitted.

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

233.23 Proposed Expansion of Residential Apartment Project at Sy.Nos.8/1, 16/2 & 17 of Hosahalli Village, Jala Hobli, Bengaluru North Taluk, Bengaluru Urban District by M/s. Assetz Premium Holdings Pvt Ltd (SEIAA 140 CON 201)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	***Assetz Earth & Essence*** *2/1, Second Floor, Embassy Icon Annexe* *Infantry Road* *Bangalore 560001*
2	Name & Location of the Project	***Development of Residential Apartment*** *Sy No.8/1, 16/2 & 17 of Hosahalli Village, Jala Hobli,*

		Bengaluru North Taluk, Bengaluru Urban District
3	Co-ordinates of the Project Site	*Latitude : 13°09'1.73" N* *Longitude: 77°38'32.85" E*
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	*Bagalur lake- 0.9 km (SE)* *Dodajala Lake – 2.4 km (N)* *Chikajala Lake- 3.4 km (N)*
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	*Development ofResidential Apartment*
b.	Residential Township/ Area Development Projects	*Not Applicable*
6	Plot Area (Sqmt)	*58927.08sqmt.*
7	Built Up area (Sqmt)	*53725.09Sqmt.*
8	Building Configuration [Number of Blocks/Towers/Wingsetc.,with Numbers of Basements and Upper Floors]	*Building 1, 2, 4to 7= GF+3UF* *Building 3= GF+2UF* *Building 8 to 12-BF+GF+3UF* *Clubhouse = GF+1UF*
9	Number of units in case of Construction Projects	*117 units*
10	Number of Plots in case of Residential Township/ Area Development Projects	*Not Applicable*
11	Project Cost (Rs. In Crores)	*180Crores*
12	Recreational Area in case of Residential Projects / Townships	*Not Applicable*
13	Details of Land Use (Sqmt)	
a.	Ground Coverage Area	*18856.66 (32%)*
b.	Road widening	*6654.86 Sqm*
c.	Total Green belt for projects under 8(a) of the schedule of the EIA notification, 2006	*16,936Sqmt*
d.	Paved area& driveways	*12114.22Sqm*
e.	Surface parking	*2905.53 Sqm*
f.	Others Specify- Service area	*226.39 Sqm*
g.	Parks and Open space in case of Residential Township/ Area Development Projects	*Not Applicable*
h.	Total	*58927.08*
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing	*Not Applicable since it is new project*

	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)	*9116Cum*
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	*9116 Cum completely utilised within the project site*
d.	Excess excavated earth (in cubic meter)	*There is no excess excavated earth*
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	*Backfilling, foundation, road area and for gardening*
15	WATER	
I.	Construction Phase	
a.	Source of water	*STP treated water for construction purpose & Tanker water for domestic*
b.	Quantity of water for Construction in KLD	*15 KLD*
c.	Quantity of water for Domestic Purpose in KLD	*10 KLD*
d.	Waste water generation in KLD	*8.5KLD*
e.	Treatment facility proposed and scheme of disposal of treated water	*will be treated in mobile STP*
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh: *76KLD* Recycled: *39KLD* Total: *115KLD*
b.	Source of water	*Bore well*
c.	Waste water generation in KLD	*98KLD*
d.	STP capacity	*105 KLD*
e.	Technology employed for Treatment	*Sequencing Batch Reactor (SBR) Technology*
f.	Scheme of disposal of excess treated water if any	--
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	*4×75cum*
b.	No's of Ground water recharge pits	*57no's*
17	Storm water management plan	• *Land is gently sloping terrain and sloping towards West direction.* • *Separate and independent rainwater drainage system will be*

		provided for collecting rainwater from terrace and paved area, lawn & roads. • *Rainwater collection tank of capacity 4×75cum is proposed which will be provided to collect the roof run off, which will be reused after prior treatment.* • *57 number of recharge pits will be provided to recharge the ground water within the site; excess runoff during the monsoon period finds its way to external storm water drain*
18	WASTE MANAGEMENT	
I.	**Construction Phase**	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	*Quantity – 20kg/day* *Solid waste will be collected manually and handed over to local body for further processing*
II.	**Operational Phase**	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	*Quantity –145Kg/day* *Organic wastes will be segregated & collected separately and processed in organic waste converter* *Sludge generated from STP of capacity 5kg/day will be reused as manure for greenery development purposes.*
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	*Quantity –218Kg/day* *Recyclable waste will be given to the waste collectors for recycling for further processing.*
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	*Waste oil generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.*
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	*E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.*
19	**POWER**	
a.	Total Power Requirement - Operational Phase	*BESCOM – 1626.18kVA*
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	*1X400 KVA, 1 X 200 KVA*
c.	Details of Fuel used for DG Set	*Diesel*
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	*Energy conservation devices such as Solar energy, LED lights, Copper wound transformer are proposed in the project. Overall energy saving is 14.4%.*
20	**PARKING**	
a.	Parking Requirement as per norms	*Required =117no's, Provided = 117no's*
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	***B***
c.	Internal Road width (RoW)	*Approach road width – 15m* *Internal road width is–7m*

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

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

As seen from the village survey map there are two nalas and for which the proponent has stated that he has maintained the Buffer as mandated As far as carttrack road which is cutting across the project site, the proponent has stated that he has obtained the permission for rerouting the carttrack along the periphery of the project site.

As per the records this proposal is for modification of the proposal for which EC was issued during 2017.The proponent has stated that the project has not yet been completed and only 5 units out of 117 units are under progress.

As far as CER is concerned the proponent has earmarked Rs.3.6 crores towards rejuvenation of Mylasandra lake in RR Nagar Bangalore.

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.

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

233.24 Proposed Development of Warehouse project at Plot No.12-P2 of (IT Sector), Hitech Defence & Aerospace Park, Devanahalli Taluk, Bengaluru Rural District by M/s. APG Industrial Conglomerate Pvt Ltd(SEIAA 141 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	*M/s. APG Industrial Conglomerate Pvt. Ltd.,No. Embassy Icon Annex, Second floor, Infantry Road, Bengaluru- 560001*
2	Name & Location of the Project	*Development of commercial building Plot No.12-P2 of (IT Sector), Hitech Defence & Aerospace Park, Devanahalli, Bangalore.*
3	Co-ordinates of the Project Site	*Latitude : 13°9'53.21" N*

		Longitude: 77°42'8.69" E
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	*Mahadev kodigehalli lake- 2.50 km (S)* *Bettakote lake- 5.50km (N)*
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	*Development ofcommercial building*
b.	Residential Township/ Area Development Projects	*Not Applicable*
6	Plot Area (Sqmt)	*1,21,405.8sqmt.*
7	Built Up area (Sqmt)	*1,05,463.84 Sqmt.*
8	Building Configuration [Number of Blocks/Towers/Wingsetc.,with Numbers of Basements and Upper Floors]	*Block:1 and2= GFwith mezzanine floor*
9	Number of units in case of Construction Projects	*2 Blocks*
10	Number of Plots in case of Residential Township/ Area Development Projects	*Not Applicable*
11	Project Cost (Rs. In Crores)	*148Crores*
12	Recreational Area in case of Residential Projects / Townships	*Not Applicable*
13	Details of Land Use (Sqmt)	
a.	Ground Coverage Area	*66724.62Sqmt*
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	*25580.20Sqmt*
d.	Civic amenities	*1639 Sqm*
e.	Paved area	*8947.6Sqmt*
f.	Others Specify(Parking area)	*18514.38Sqm*
g.	Parks and Open space in case of Residential Township/ Area Development Projects	*Not Applicable*
h.	Total	*1,21,405.8Sqmt*
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	*Not Applicable since it is new project*
b.	Total quantity of Excavated earth (in	*200174Cum*

	cubic meter)		
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	*200174 Cum completely utilised within the project site*	
d.	Excess excavated earth (in cubic meter)	*There is no excess excavated earth*	
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	*Backfilling, foundation, road area and for gardening*	
15	**WATER**		
I.	**Construction Phase**		
a.	Source of water	*STP treated water for construction purpose & Tanker water for domestic*	
b.	Quantity of water for Construction in KLD	*20 KLD*	
c.	Quantity of water for Domestic Purpose in KLD	*9 KLD*	
d.	Waste water generation in KLD	*7.6 KLD*	
e.	Treatment facility proposed and scheme of disposal of treated water	*will be treated in mobile STP*	
II.	**Operational Phase**		
a.	Total Requirement of Water in KLD	**Fresh**	*137 KLD*
		Recycled	*69KLD*
		Total	*205KLD*
b.	Source of water	*KIADB*	
c.	Waste water generation in KLD	*174KLD*	
d.	STP capacity	*215 KLD*	
e.	Technology employed for Treatment	*Moving Bed Bio-film Reactor(MBBR) Technology*	
f.	Scheme of disposal of excess treated water if any	*No excess water.*	
16	**Infrastructure for Rain water harvesting**		
a.	Capacity of sump tank to store Roof run off	*2×150 cum*	
b.	No's of Ground water recharge pits	*53no's*	
17	**Storm water management plan**	• *Land is gently sloping terrain and sloping towards North direction.* • *Separate and independent rainwater drainage system will be provided for collecting rainwater from terrace and paved area, lawn & roads.* • *Rainwater collection tank of capacity 2×150cum is proposed which will be provided to collect the roof run off, which will be reused after prior treatment.* • *53 number of recharge pits will be provided to recharge the ground water within the site; excess runoff during the monsoon period finds its way to external storm water drain*	
18	**WASTE MANAGEMENT**		
I.	**Construction Phase**		

a.	Quantity of Solid waste generation and mode of Disposal as per norms	*Quantity – 20 kg/day* *Solid waste will be collected manually and handed over to local body for further processing*
II.	**Operational Phase**	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	*Quantity –390 Kg/day* *Organic wastes will be segregated & collected separately and processed in organic waste converter* *Sludge generated from STP of capacity 9kg/day will be reused as manure for greenery development purposes.*
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	*Quantity – 584Kg/day* *Recyclable waste will be given to the waste collectors for recycling for further processing.*
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	*Waste oil generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.*
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	*E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.*
19	**POWER**	
a.	Total Power Requirement -Operational Phase	*BESCOM/KPTCL – 5150kVA*
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	*4X1250 kVA, 2 X 1000 KVA*
c.	Details of Fuel used for DG Set	*Diesel*
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	*Energy conservation devices such as Solar energy, LED lights, Copper wound transformer are proposed in the project. Overall energy saving is 15.5%.*
20	**PARKING**	
a.	Parking Requirement as per norms	*Required =122 no's, Provided = 146 no's*
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	***B***
c.	Internal Road width (RoW)	*Approach road width –18 m* *Internal road width is–6m*

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

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

As seen from the village survey map there are no waterbodies either in the form of water body or nala which attract buffer as per norms.

As far as CER is concerned the proponent has earmarked Rs.3.0 crores towards rejuvenation of Mylasandra lake in RR Nagar Bangalore.

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.

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

233.25 Proposed construction of Residential apartment located in Sy.No.32/2 and 38/2 of Chickannahalli Village, Varthur Hobli, Bangalore East Taluk, Bangalore District by M/s. Greennesto Builders & Developers (SEIAA 142 CON 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	GREEN NESTO BUILDERS & DEVELOPERS NO 800, 19TH MAIN, HSR LAYOUT , SECTOR 2, BANGALORE -560102		
2	Name & Location of the Project	Sy No. 32/2 & 38/2 of Chikkanayakanahalli village, Varthur Hobli, Bangalore East Taluk, Bangalore District.		
3	Co-ordinates of the Project Site	A	12°53'17.77"N	77°41'45.62"E
		B	12°53'17.31"N	77°41'45.91"E
		C	12°53'17.09"N	77°41'45.23"E
		D	12°53'13.53"N	77°41'44.29"E
		E	12°53'13.62"N	77°41'42.86"E
		F	12°53'16.95"N	77°41'43.60"E
		G	12°53'16.95"N	77°41'42.51"E
		H	12°53'18.07"N	77°41'42.84"E
4	Environmental Sensitivity			
a.	Distance from periphery of nearest Lake & other water bodies (Lake, Rajakaluve, Nala etc.,)	There is no lake in the clear vicinity of the project site, the nearest location is at Sriramapura village which is located about 1.2kms on the southern side of the site		

	b.	Type of water body at the vicinity of the project site & Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	No buffer is provided since there is no lake or water body in the vicinity of the site, The NGT orders are not applicable
5	Type of Development		
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	RESIDENTIAL APARTMENT
	b.	Residential Township/ Area Development Projects	NA
6	Plot Area (Sq.M)		9611.284sqmts
7	Built Up area (Sq.M)		33546.76 Sq.M
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]		B+G+12UF Ground coverage - 27.76% --- 2668.63sqmts Greenery - 33% --- 3171.72 sqmts Driveway - 15.00% ---- 1441.69sqmts R& CPA - 15% --- 1441.69sqmts Utilities & facilities -9.24% --- 887.554 sqmts
9	Number of units in case of Construction Projects		220 units
10	Number of Plots in case of Residential Township/ Area Development Projects		NA
11	Project Cost (Rs. In Crores)		42 crores
12	Recreational Area in case of Residential Projects / Townships		1441.69sqmts
13	Details of Land Use (Sq.M)		
	a.	Ground Coverage Area	2668.63sqmts
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3171.72 sqmts
	d.	Internal Roads	1441.69sqmts
	e.	Paved area	
	f.	Others Specify	887.554 sqmts
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	9611.284 Sqmts

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)	6671.58	
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	6671.58 i.e. the entire quantity will be used and there shall be no earth exported from our site	
	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	THE ENTIRE QUANTITY WILL BE USED IN THE PROJECT ITSELF FOR Back filling 1000.74 Ramps and driveway 1334.32 Landscaping 3654.80 Soil Cement blocks 681.72	
15	WATER			
	I.	Construction Phase		
	a.	Source of water	Tertiary treated water will be procured from BWS&SB water treatment plant, potable water will be supplied by C G P W supply scheme	
	b.	Quantity of water for Construction in KLD	About 10 to 12	
	c.	Quantity of water for Domestic Purpose in KLD	5	
	d.	Waste water generation in KLD	2.5 kl	
	e.	Treatment facility proposed and scheme of disposal of treated water	2 no.s of Septic tanks of 5kl each alt cleaned by mechanical means	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	42
			Recycled	106
			Total	148
	b.	Source of water	CGPWS, letter of acknowledge ment enclosed	
	c.	Waste water generation in KLD	118	
	d.	STP capacity	125kld	

	e.	Technology employed for Treatment	SBR with extended aeration
	f.	Scheme of disposal of excess treated water if any	Zero discharge plan
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	1 No of 100kl UG Sumps and 1 No. of 50kl impervious walls will be constructed to store the pre filtered rain water runoff from the terrace
	b.	No's of Ground water recharge pits	21 No.s Recharge pits at the bottom of the peripheral drains will be constructed to recharge the ground water
17	Storm water management plan		Peripheral drains all round the boundary with oil and grease traps , silt traps and catch basins before getting into the external storm drains
18	WASTE MANAGEMENT		
I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	1.Steel bits – about 1.98tons sold to recyclers 2.Concrete spill and debris used as road fill consolidation 3.Plywood shuttering and centring material about 1680Kgs will be given away to Brick kilns 4. Waste mineral oils, lubricants about 275 Lts will be given to KSPCB approved Recyclers 5. Exhausted paint containers, gunny sacks, electrical items, plumbing items and allied defunct spares of construction machinery about 3.7tons will be given away to KSPCB approved recyclers
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	495 Kgs/day processed in the organic waste converters to generate manure Sludge 19.8kgs/day
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	297 Kgs disposed to the Municipal approved garbage clearing contractors
	c.	Quantity of Hazardous Waste generation & mode of Disposal as per norms	About 275lts, Disposed to KSCPB approved recyclers
	d.	Quantity of E waste generation and mode of Disposal as per norms	27.5 Kgs will be stored and disposed to authorized recyclers from KSPCB
19	POWER		
	a.	Total Power Requirement - Operational Phase	900 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 No. X 500KVA,
	c.	Details of Fuel used for DG Set	Low sulphur HSD
	d.	Energy conservation plan and Percentage of savings including plan	25.85%

		for utilization of solar energy as per ECBC 2007	
20	PARKING		
	a.	Parking Requirement as per norms	242 provided 276
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	"A"
	c.	Internal Road width (RoW)	8.0mts as desired by the Fire dept norms

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

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

As seen from the village survey map there are no waterbodies either in the form of water body or nala which attract buffer as per norms.

As far as CER is concerned the proponent has earmarked Rs.65Lakhs towards rejuvenation of Mylasandra lake in RR Nagar Bangalore.

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.

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

233.26 Proposed Development of "Residential Apartment" at Khata No.693, Sy.No.34/2, Thubarahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru by M/s. Aashish Developer and Builders (SEIAA 143 CON 2019)

Sl. No.	PARTICULARS	INFORMATION
1.	Name & Address of the Project Proponent	*Mr. Suresh Halemani* *Authorized Signatory,* *M/s. Aashish Developer and Builders* *No. 56/2, Behind Vibgyor School,* *Varthur Road, Thubarahallli,*

			Bengaluru – 560 066
2.	Name & Location of the Project		*Development of Residential Apartment* *At Khatha No. 693, Sy. No. 34/2,* *Thubarahalli Village,* *Varthur Hobli, Bengaluru East Taluk,* *Bengaluru*
3.	Co-ordinates of the Project Site		*Latitude : 12 Deg 95 Min 28.46 Sec N* *Longitude : 77 Deg 72 Min 19.77 Sec E*
4.	ENVIRONMENTAL SENSITIVITY		
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	*Thubarahalli lake is around 450 m away from the project site boundary.* *Varthur lake is around 726 m away from the project site boundary.*
	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.	*Thubarahalli lake is around 450 m away from the project site boundary.* *Varthur lake is around 726 m away from the project site boundary.*
5.	TYPE OF DEVELOPMENT		
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	*Residential Apartment*
	b.	Residential Township/ Area Development Projects	*NA*
6.	Plot Area (Sqm)		*8,599.45 Sqm*
7.	Built Up area (Sqm)		*29,165.55 Sqm*
8.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]		*Proposed project comprising 210 No. of residential units in Block A & B distributed over B+G+ 4UF with a maximum height of 14.95 m.*
9.	Number of units in case of Construction Projects		*210 Nos. of Residential Units*
10.	Number of Plots in case of Residential Township/ Area Development Projects		*NA*
11.	Project Cost (Rs. In Crores)		*Rs. 30 Crores*
12.	Recreational Area in case of Residential Projects / Townships		-

13.	DETAILS OF LAND USE (SQM)		
	a.	Ground Coverage Area	*3,682.48 Sqm*
	b.	Kharab Land	-
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	*2,450.07 Sqm*
	d.	Internal Roads & others	*1,279.80 Sqm*
	e.	Paved area	-
	f.	Others Specify	*Area relinquished for road 1,187.10 Sqm*
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
	h.	Total site area	*8,599.45 Sqm*
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	*There is no demolition work*
	b.	Total quantity of Excavated earth (in cubic meter)	*11,047 m^3*
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	*11,047 m^3*
	d.	Excess excavated earth (in cubic meter)	-
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	-
15.	WATER		
	I.	Construction Phase	
	a.	Source of water	*The domestic water requirement will be met by external agencies and water requirement for construction purpose will be met by STP tertiary treated water.*
	b.	Quantity of water for Construction in KLD	*14 KLD*
	c.	Quantity of water for Domestic Purpose in KLD	*4.5 KLD*
	d.	Waste water generation in KLD	*4.3 KLD*

	e.	Treatment facility proposed and scheme of disposal of treated water	*Domestic sewage generated during construction phase will be discharged to existing UGD.*	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	*95 KLD*
			Recycled	*49 KLD*
			Total	*144 KLD*
	b.	Source of water	*BWSSB*	
	c.	Waste water generation in KLD	*137 KLD*	
	d.	STP capacity	*STP Capacity –75 KLD-2Nos*	
	e.	Technology employed for Treatment	*Sequential Batch Reactor Technology*	
	f.	Scheme of disposal of excess treated water if any	*Excess 52 KLD will given to Construction works / Avenue Plantation*	
16.		INFRASTRUCTURE FOR RAINWATER HARVESTING		
	a.	Capacity of sump tank to store Roof run off	*100 cum -2Nos*	
	b.	No's of Ground water recharge pits	*11Nos.*	
17.		Storm water management plan	*Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the external storm water drain.*	
18.		WASTE MANAGEMENT		
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	*The domestic solid wastes will be minimal as there is no provision of labor colony; the generated domestic solid waste will be handed over to outside vendors.* *Construction debris -30 m^3* *This will be reused within the site for road and pavement formation*	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	*334 kg/day* *This will be segregated at household levels and will be processed in proposed organic waste converter.*	
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	*223 kg/day* *Recyclable wastes will be handed over to authorized waste recyclers*	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	*Waste Oil Generation : 0.37 L/ running hour of DG* *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 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	*1,279 kW*		
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	*380 kVA – 2Nos.*		
	c.	Details of Fuel used for DG Set	*159.23 l/hr*		
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	*Solar Lights & water heaters ,LED, Cu. Wound transformer,* *The overall energy savings is around 26.74%*		
20.	PARKING				
	a.	Parking Requirement as per norms	*231 Nos. (provided -231nos)*		
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report		*Existing LOS*	*Changed LOS*
			Old Airport road towards Varthur	*D*	*B*
			Old Airport road towards Marathahalli	*D*	*B*
			Thubarahalli Road	*A*	*A*
	c.	Internal Road width (RoW)	3m		

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

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

As seen from the village survey map there are no waterbodies either in the form of water body or nala which attract buffer as per norms. But there is one cart track road for which the proponent has stated that he has relinquished the land for rerouting and widening of this road.

As far as CER is concerned the proponent has earmarked Rs.60 Lakhs towards rejuvenation of Tubarahalli lake which is at a distance of 450meters.

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.

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

233.27 Proposed development of Residential Apartment with clubhouse at Sy.No.23 & 24/1 of Kammasandra Agrahara village, Kasaba Hobli, Anekal Taluk, Bengaluru by M/s. Radiant Kaira (SEIAA 144 CON 2019)

Sl. No.	PARTICULARS	INFORMATION
1.	Name & Address of the Project Proponent	*Mr. P. Sathyashekar,* *Partner,* *M/s. Radiant Kaira* *No. 48/49, Sathyams, 1st Floor,* *9th Cross, Sarakki Main Road,* *J.P. Nagar 1st Phase, Bangalore-560078*
2.	Name & Location of the Project	*"Development of Residential Apartment with club house"[Affordable Housing]* *Sy. No.23, 24/1, of* *Kammasandra Agrahara Village,* *Kasaba Hobli,* *Anekal Taluk, Bengaluru.*
3.	Co-ordinates of the Project Site	*Latitude : 12 Deg 74 Min 18.82 Sec N* *Longitude : 77 Deg 70 Min 93.19 Sec E*
4.	ENVIRONMENTAL SENSITIVITY	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	*Byagadadenahalli lake is at a distance of 758 m from the project site boundary.* *Marsur lake is at a distance of 980 m from the project site boundary* *Kammasandra agrahara lake is at a distance of 1.05k m from the project site boundary*
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.	*Byagadadenahalli lake is at a distance of 758 m from the project site boundary.* *Marsur lake is at a distance of 980 m from the project site boundary* *Kammasandra agrahara lake is at a distance of 1058 m from the project site boundary*
5.	TYPE OF DEVELOPMENT	
a.	Residential Apartment / Villas / Row Houses / Vertical Development /	*Residential Apartment*

		Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	
	b.	Residential Township/ Area Development Projects	*NA*
6.	Plot Area (Sqm)	*9004.26 Sqm*	
7.	Built Up area (Sqm)	*29,573.44 Sqm*	
8.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	*Proposed project comprising of 235 nos. of residential units with club house sprawled across BF+GF+9UF.*	
9.	Number of units in case of Construction Projects	*235 No. of residential units*	
10.	Number of Plots in case of Residential Township/ Area Development Projects	*NA*	
11.	Project Cost (Rs. In Crores)	*Rs. 30 Crores*	
12.	Recreational Area in case of Residential Projects / Townships	-	
13.	DETAILS OF LAND USE (SQM)		
	a.	Ground Coverage Area	*2954.24 Sqm*
	b.	Kharab Land	-
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	*3521.77 Sqm*
	d.	Internal Roads & Hardscape	*2528.25 Sqm*
	e.	Paved area	-
	f.	Others Specify	-
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
	h.	Total	*9004.26Sqm*
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	*Existing one small buildings will be demolished, brick bat waste of 100cum and Concrete waste of 50cum will be used within the site*
	b.	Total quantity of Excavated earth (in cubic meter)	*12,777 m^3*
	c.	Quantity of Excavated earth propose to be used in the	*12,777 m^3*

		Project site (in cubic meter)		
	d.	Excess excavated earth (in cubic meter)	-	
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	*Excavated soil is used within the project site*	
15.	WATER			
	I.	Construction Phase		
	a.	Source of water	*Domestic water requirement will be sourced from External Tanker water suppliers & for construction activities sourced from STP tertiary treated water*	
	b.	Quantity of water for Construction in KLD	*14 KLD*	
	c.	Quantity of water for Domestic Purpose in KLD	*4.5 KLD*	
	d.	Waste water generation in KLD	*4.3 KLD*	
	e.	Treatment facility proposed and scheme of disposal of treated water	*Domestic sewage generated during construction phase will be collected in collection tank & from there it will be lifted to BWSSB treatment plant through external agencies for further treatment*	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	*66 KLD*
			Recycled	*95KLD*
			Total	*161KLD*
	b.	Source of water	*Byagadadenahalli Gram Panchayath*	
	c.	Waste water generation in KLD	*153 KLD*	
	d.	STP capacity	*175 KLD*	
	e.	Technology employed for Treatment	*Sequential Batch Reactor (SBR) Technology*	
	f.	Scheme of disposal of excess treated water if any	*Excess 10 KLD will be used for avenue plantation/ construction work.*	
16.	INFRASTRUCTURE FOR RAINWATER HARVESTING			
	a.	Capacity of sump tank to store Roof run off	*150 m^3*	
	b.	No's of Ground water recharge pits	*20 Nos.*	
17.	Storm water management plan		*Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the external storm water drain.*	
18.	WASTE MANAGEMENT			
	I.	Construction Phase		
	a.	Quantity of Solid waste	*The domestic solid wastes will be minimal as there*	

		generation and mode of Disposal as per norms	*is no provision of labor colony; the generated domestic solid waste will be handed over to outside vendors.* *Construction debris -30 m^3* *This will be reused within the site for road and pavement formation*
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	*364kg/day* *This will be segregated at household levels and will be processed in proposed organic waste converter.*
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	*242 kg/day* *Recyclable wastes will be handed over to authorized waste recyclers*
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	*Waste Oil Generation : 0.37 L/ running hour of DG* *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 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	*1,275kW*
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	*380 kVA – 2 Nos.*
	c.	Details of Fuel used for DG Set	*159.23 L/hr*
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	*1) Solar heaters* *2) Solar lightings* *3) LED* *4) Cu. Wound transformer* *The overall energy savings is around 26.18 %*
20.	PARKING		
	a.	Parking Requirement as per norms	*266 Nos.*
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	*Chandapura Anekal Rd* / *Existing* / *Changed* *Towards Anekal* / *B* / *B* *Towards Bengaluru* / *B* / *B*
	c.	Internal Road width (RoW)	6 m

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

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

As seen from the village survey map there are no waterbodies either in the form of water body or nala which attract buffer as per norms. Also the proponent stated that the Jiganiindustrial area i.e Critically polluted industrial Area is 6Km.

As far as CER is concerned the proponent has earmarked Rs.60Lakhs towards rejuvenation of raindevastated Chickmagalur district.

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.

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

233.28 Proposed Building Stone Quarry Project at Sy.No.20 of Hanumanthapura Village, Chikkaballapura Taluk & District (0.50 Acres) By M/s. RAGHAVENDRA ENTERPRISES(SEIAA 653 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Raghavendra Enterprises Sri A. Jagadish S/o. Anjinappa Kannur Village, Bangalore 562149. Mobile: 8310180239
2	Name & Location of the Project	"Building Stone Quarry" (QL No. 1998) over an extent 0.50 Acres (20 Guntas) in Govt Gomala Revenue Land at Sy No.20, Hanumanthapura village, Chikkaballapura Taluk & District, Karnataka

3	Co-ordinates of the Project Site	B Point	Latitude	Longitude
		A	13° 35'05.0" N	77° 45' 15.6" E
		B	13° 35'05.7" N	77° 45' 14.6" E
		C	13° 35'04.0" N	77° 45' 13.6" E
		D	13° 35'03.4" N	77° 45' 14.6" E
4	Type of Mineral	**"Building Stone"**		
5	New / Expansion / Modification / Renewal	New		
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 Acres	0.50 Acres		
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	"Building Stone Quarry"		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	20 m X 10 X 1		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	20130 Tons/annum		
14	Quantity of Topsoil/Over burden in cubic meter	No top soil produced in the area		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No Waste		
16	Project Cost (Rs. In Crores)	0.2 Crores		
17	Environmental Sensitivity			
	a. Nearest Forest	Forest 1Km (S)		

	b.	Nearest Human Habitation	Hanumanthapura – 2.0 Km (N)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Perisandra – 5.0 Km(E)	
	d.	Water Bodies	Ramasandra Tank - 9.0 Kms (E)	
	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	0.13	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	0.07	
	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	Bore-well from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	1.0 KLD
			Domestic	0.5 KLD
			Other	0.5 KLD
			Total	2.0 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

The committee noted that this is a proposal for old lease involving building stone mining in Govt Land. As per the records the lease area is 0.5Acres i.e 20Guntas and committee opined that scientific and safe mining cannot be carried out in this small area if blasting is involved. For this the proponent has stated that he will take up mining by manual method without going for blasting and mining will be carried out only by wedging and chiseling. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also approval from District task force during 2011. The lease has been granted earlier on 23-08-2011 for a period of 5 Years i.e up to 2016. The proponent has stated that he has carried out mining up to 2014-15 and the same has been reflected in the audit report prepared by DMG. The proponent has stated that the lease period will automatically gets extended for 20 years i.e up to 2031 as per the amendment to KMMCR Rules.

As seen from the quarry plan there is a level difference of 7 meters within the mining area and taking this into consideration and also the fact that he has mined 2300tons the committee opined that 30% of the proposed proved quantity of 100654tons or 37840cum can be mined safely and scientifically to a quarry pit depth of 5 meters for a lease period.

As per the extended combined sketch prepared by DMG there are eleven leases including this lease within 500 meter radius from this lease and all these leases were granted prior to 9.9.2013 and based on this proponent has requested to exempt these leases from cluster effect. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.8KM 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.

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

233.29 Proposed Building Stone Quarry Project at Sy.No.20/2 of Markal Village, Bidar Taluk & District (1-20 Acres) By Sri Vijaykumar K.B. (SEIAA 654 MIN 2019)

Sl. No	PARTICULARS	INFORMATION

<table>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. Vijayakumar,
S/o Gurupadappa Pansale,
Near Om Basava saw mill,
Janawada Village,
Bidar Taluk, Bidar District
Karnataka-585402</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone (Basalt) Quarry" over an extent 1-20 Acres in PattaLand at Sy No.20/2, Markal village, Bidar Taluk, Bidar District,Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th colspan="3">WGS 84 DATUM</th></tr><tr><th>Sl. No.</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>N17° 59' 28.6"</td><td>E77° 29' 44.8"</td></tr><tr><td>B</td><td>N17° 59' 25.6"</td><td>E77° 29' 44.6"</td></tr><tr><td>C</td><td>N17° 59' 25.5"</td><td>E77° 29' 46.8"</td></tr><tr><td>D</td><td>N17° 59' 28.5"</td><td>E77° 29' 47.0"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>"Building Stone (Basalt) Quarry"</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Patta Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.607 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>"Building Stone (Basalt) Quarry"</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>Fresh land</td></tr>
<tr><td>13</td><td>Annual Production Proposed (Metric</td><td>12,000 Tons/annum</td></tr>
</table>

	Tons/ CUM) / Annum			
14	Quantity of Topsoil/Over burden in cubic meter		4047 Cu,m of soil produced in the area	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		632Tons/annum	
16	Project Cost (Rs. In Crores)		0.68 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	None within 10 kms	
	b.	Nearest Human Habitation	Markal Village – 2.00 Kms (S)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Bidar – 7.50 Kms(S)	
	d.	Water Bodies	Manjara River - 3.60 kms (NW) Kanalli Pond - 3.82 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	1-00	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil Storage Area	0-03	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	0-15	
	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	9.00 KLD
			Domestic	0.5KLD
			Other	0.5 KLD
			Total	10.0 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

As per the records furnished by the proponent it is observed that there is one power line /HT line by the side of the lease area for which the proponent has stated will come back with proper clarification about the buffer mandated for this.

Action: Secretary, SEAC to put up the proposal before SEAC after submission of the above information.

233.30 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)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. B. Anand
S/o Dodda Bychappa,
Kommanahalli Village,
Tekal Hobli, Malur Taluk,
Kolar District. - 563137</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone (M-Sand) Quarry" of
Sri. B. Anand
Sy No. 66, Kanagala Village,
Tekal Hobli, Malur Taluk, Kolar District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Latitude</th><th>Longitude</th></tr><tr><td>N 12° 57′ 6.05″</td><td>E 78° 04′ 42.00″</td></tr><tr><td>N 12° 57′ 4.79″</td><td>E 78° 04′ 42.55″</td></tr><tr><td>N 12° 57′ 4.28″</td><td>E 78° 04′ 38.15″</td></tr><tr><td>N 12° 57′ 2.85″</td><td>E 78° 04′ 38.03″</td></tr><tr><td>N 12° 57′ 2.55″</td><td>E 78° 04′ 36.91″</td></tr><tr><td>N 12° 57′ 4.94″</td><td>E 78° 04′ 35.95″</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Building Stone Quarry</td></tr>
</table>

5	New / Expansion / Modification / Renewal		New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Government RevenueLand
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	0-02	
	d.	Mineral Storage Area		
	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 233th 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.

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

233.31 Proposed Building Stone Quarry Project at Sy.No.03(Part) of Lakkenahalli Village, Tarikere Taluk, Chikkamagaluru District (3-00 Acres) by Sri V. Arun Kumar (SEIAA 659 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	**Sri. V. Arun Kumar** S/o Sri. D. Vadivelu Kavya Sri Nilaya, Madavanagara Bhadravathi Town, Shivamogga District
2	Name & Location of the Project	Building Stone Quarry in 3-00 Acres of Govt. Land bearing Sy.No.03 (Part) of Lakkenahalli. Village, Tarikere Taluk & Chikkamagaluru District, Karnataka.

3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°45'19.90"	E 75°46'46.60"
		B	N 13°45'17.40"	E 75°46'51.90"
		C	N 13°45'19.60"	E 75°46'52.20"
		D	N 13°45'22.00"	E 75°46'47.00"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	3-00 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	74,955(Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3,945/Annum		
16	Project Cost (Rs. In Crores)	0.25		
17	Environmental Sensitivity			
	a. Nearest Forest	Hadikere-West state Forest--300m N-NE Hadikere East SF-3.00 Km NE Antharagange SF-4.5 Km N Chikkattur Minor Forest-7.24 Km S Karkudi SF-4.5 Km W-SW Gurupur SF-6.16 Km W-SW		
	b. Nearest Human Habitation	Lakkenahalli-1.30 Km		
	c. Educational Institutes,	Tarikere which is Taluk head quarter-6.0 Km		
	d. Water Bodies	Hirekatur Kere-2.53 KM S-SW Bhadra Right Bank Canal-2.73 Km W-NW Hadikere Kere-6.22 KM E-SE Basavanahalli Kere-5.58Km SE Tariker Kere-5.8 Km S-SE		

			Jambadahalla Reservoir-8.53 Km S-SW Bucchenahalli Kere-6.98 Km W Bhadra River-7.19 Km W-NW Erehalli Kere-8.3 Km NW	
	e.	Other Specify	Hadikere west State 'D' Line: 72 m Bhadra Wild life Sanctuary > 12.80 Km whereas the Bhadra WLS supports 42 Mammal species like Tiger, Leopard, Wild Dog, Sloth Bear, Elephant, Gaur, Sambar, Mouse Deer, Flying Squirrel etc, and 264 species of birds such as Malabar pied hornbill, Greatpied hornbill, Malabar grey hornbill etc. and also reptile species such as King cobra, marsh crocodile etc,.	
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Hectares			
	a.	Proposed workings	1-35	
	b.	Roads	0-05	
	c.	Buffer Zone 7.5m/Plantation	0-35	
	d.	Un-disturbed Area	0-05	
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	3.75 KLD
			Domestic	0.25 KLD
			Other	2.00 KLD
			Total	6.00 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 was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

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 10-05-2019.

As seen from the quarry plan there is a level difference of 10 meters within the mining area and taking this into consideration and also the fact that the undisturbed area 5 Guntas can be utilized for mining, the committee opined that 90% of the proposed proved quantity of 441840tons or 168000 cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As per the extended combined sketch prepared by DMG there are three other leases within 500 meter radius from this lease and combined area of these leases is 5Acres and proponent has requested for exemption from cluster effect as their leases were granted prior to 9.9.2013. The total area of this lease being less then the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

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.8.00 lakhs to take up rejuvenation of Hirekatur kere which is at a distance of 2.5 KM. 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.

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

233.32 Proposed Building Stone Quarry Project at Sy.Nos.4/2, 36/5, 36/7 & 36/8 of Madagodu & Dythapura Village, Alur Taluk, Hassan District (8-04 Acres) by M/s. Grey Stone Crusher & M-Sand (SEIAA 660 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/S Grey Stone Crusher and M-Sand Managing Partner : Sri. Ibrahim S A, S/o. P M Ahmed Bava, #648, Yadgar Mahal, Near Maramma Temple, Maheshwarinagara, Sakleshpur, Hassan, Karnataka – 573134

2	Name & Location of the Project	"Building Stone Quarry" of M/S Grey Stone Crusher and M-Sand Sy No: 4/2, 36/5, 36/7 & 36/8, Madagodu & Dythapura Village, Alur Taluk, Hassan District, Karnataka.
3	Co-ordinates of the Project Site	**Corner Pillar** / **Latitude** / **Longitude** A / N 12° 53′ 52.5″ / E 75° 53′ 56.8″ B / N 12° 53′ 48.2″ / E 75° 53′ 54.4″ C / N 12° 53′ 51.2″ / E 75° 53′ 47.7″ D / N 13° 53′ 55.4″ / E 75° 53′ 50.2″ **WGS-84 DATUM**
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	No
8	Area in Ha	3.277Ha
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		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		6,00,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter		13,507 CUM
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		31,579 TPA
16	Project Cost (Rs. In Crores)		0.84crores
17	Environmental Sensitivity		
	a.	Nearest Forest	No Forest Within 15 Kms
	b.	Nearest Human Habitation	Madagodu village - 0.30 kms (N)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Alur - 13.44 kms (NE)
	d.	Water Bodies	Hemavati River - 8.29 Kms (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	6-27
	b.	Waste Dumping Area	0-02
	c.	Mineral Storage Area	0-03
	d.	Infrastructure Area	
	e.	Road Area	0-02
	f.	Buffer Zone	1-10
	g.	Unexplored area	--
	h.	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	9.11 KLD
			Domestic	1.57 KLD
			Other	1.22 KLD
			Total	11.9 KLD
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	

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

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

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 also obtained land conversion order. The lease has been notified on 17-08-2019.

As seen from the quarry plan there is a level difference of 32 meters within the mining area and taking this into consideration the committee opined that 40% of the proposed proved quantity of 6010624 tons or 2226157 cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As per the cluster sketch prepared by DMG there are no other leases within 500 meter radius from this lease. The total area of this lease being less then the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 350meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.60.00 lakhs to take up rejuvenation of Anigalale pond which is at a distance of 1.8 KM. 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.

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

233.33 Proposed Pink Granite Quarry Project at Sy.No.3(P) of Gundur S.B. Village, Hungund Taluk, Bagalkot District (6-00 Acres) by M/s.Kshiya Granites Pvt. Ltd. (SEIAA 661 MIN 2019)

The proponent was invited for the 233th 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 anintimation 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.

233.34 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk & District (Q.L. No.57) (5-00 Acres) by M/s. Devi Kamakshi Granites & Stones (SEIAA 662 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Devi Kamakshi Granites & Stones, #230, 17th C Cross, 3rd Block, 4th Stage, Basaveshwaranagar, Bengaluru - 560 079
2	Name & Location of the Project	"Ornamental Granite Quarry" Sy No: 04, Gummalapura Village, Chikkaballapur Taluk, Chikkaballapur District, Karnataka.

3	Co-ordinates of the Project Site	<table><tr><th>BOUNDARY POINT</th><th>LATITUDE</th><th>LONGITUDE</th></tr><tr><td>A</td><td>13° 34′ 54.5″</td><td>77° 43′ 51.3″</td></tr><tr><td>B</td><td>13° 34′ 52.5″</td><td>77° 43′ 53.2″</td></tr><tr><td>C</td><td>13° 34′ 52.5″</td><td>77° 43′ 54.2″</td></tr><tr><td>D</td><td>13° 34′ 47.6″</td><td>77° 43′ 00.1″</td></tr><tr><td>E</td><td>13° 34′ 46.7″</td><td>77° 43′ 57.5″</td></tr><tr><td>P</td><td>13° 34′ 53.5″</td><td>77° 43′ 49.9″</td></tr></table>	
4	Type of Project	**Ornamental Granite Quarry**	
5	New / Expansion / Modification / Renewal	Renewal (Q. L.NO - 57)	
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Kharab Land	
7	Whether the project site fall within ESZ/ESA	No	
8	Area in Ha	2.023 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 Ornamental Granite 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	Ornamental Granite quarrying 10,025 Cubic meters/Annum of Ornamental Granite And 2,673 Cubic meters/Annum of Saleable Building Stone.	
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	669Cubic Meters/ annum of Ornamental Granite	
16	Project Cost (Rs. In Crores)	1.35crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Narasimha Devar Betta Reserved Forest - 2.70 Kms(SW)	
	b. Nearest Human Habitation	Gummalapura Village – 0.83 Kms(SW)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in	

			Chikkaballapura – 16.57 Kms (S)	
	d.	Water Bodies	Yadaralahalli Lake – 3.33 Kms(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	0.960	
	b.	Waste Dumping Area	0.240	
	c.	Top Soil yard	---	
	d.	Mineral Storage Area	0.030	
	e.	Infrastructure Area	0.025	
	f.	Road Area	0.050	
	g.	Green Belt Area	0.105	
	h.	Unexplored area	0.558	
	i.	Others Specify	0.085	
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	9.13KLD
			Domestic	1.22 KLD
			Other	1.55 KLD
			Total	11.9 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in 12-10-2009 for 05 years and as per the KMMCR amendments the lease period gets extended upto 2039.The proponent has stated that he has carried out the mining activity from 2012 to 2015 and no activities has been carried out since then till date. The total quantity mined between 2012 to 2015 is 1400tons or 526 cum as per audit report. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlier in the year 2009 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved.

As seen from the quarry plan there is a level difference of 30 meters and taking this into consideration and also the fact that he has already mined 526cum the committee opined that the proposed gross quantity of 125900cum can be mined safely and scientifically within the lease period. The proponent has stated that the recovery is 75% in the form of commercial blocks i.e.94425cum and 25% waste, out of which 20% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 450 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.20lakhs for a lease period to take up rejuvenation of Mandikal kere which is at a distance of 1.5KM 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.

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

233.35 Proposed Building Stone (Basalt) Quarry Project at Sy.No.35/3 of Khudavandapur Village, Bhalki Taluk, Bidar District (1-00 Acre) by **Sri Riyaz Ahmed (SEIAA 663 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Riyaz Ahmed, S/o Maqbool Ahmed, 264/A, Bhalki Nilanga Road, Bhatambra Village, Bidar District Karnataka-585411
2	Name & Location of the Project	"Building Stone (Basalt) Quarry" over an extent 1-00 Acres in PattaLand at Sy No.35/3, Khudavandapurvillage, BhalkiTaluk, Bidar District,Karnataka

3	Co-ordinates of the Project Site		WGS 84 DATUM		
			Sl. No.	Latitude	Longitude
			A	N 18° 04′ 45.9″	E 77° 06′ 58.6″
			B	N 18° 04′ 47.2″	E 77° 06′ 59.0″
			C	N 18° 04′ 46.3″	E 77° 07′ 02.1″
			D	N 18° 04′ 45.9″	E 77° 07′ 01.8″
4	Type of Mineral	"Building Stone (Basalt) 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	No			
8	Area in Ha	0.404 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	"Building Stone (Basalt) 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	31,000 Tons/annum			
14	Quantity of Topsoil/Over burden in cubic meter	2,000Cu,m of soil produced in the area			
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,632Tons/annum			
16	Project Cost (Rs. In Crores)	0.67 crores			
17	Environmental Sensitivity				

	a.	Nearest Forest	None within 10 kms	
	b.	Nearest Human Habitation	Khudavandapur Village ~ 1.50 Kms (W)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Bhalki - 10.05 Kms(SE)	
	d.	Water Bodies	Karanja River - 0.70 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	0-20	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil Storage Area	0-03	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	0-15	
	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	9.00 KLD
			Domestic	0.45KLD
			Other	0.5 KLD
			Total	9.95 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 was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

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 also obtained land conversion order. The lease has been notified on 25-07-2019.

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 40% of the proposed proved quantity of 118041 tons or 44376cum can be mined safely and scientifically to a quarry pit depth of 10meters for a lease period.

As per the extended combined sketch prepared by DMG there are no other leases within 500 meter radius from this lease. The total area of this being less then the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 530meters 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 lakhs to take up water supply and afforestation works in Govt Junior college, Bhalki which is at a distance of 12 KM. 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.

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

233.36 Proposed Building Stone Quarry Project at Sy.No.347/3 of Kattaya Village, Hassan Taluk, Hassan District (1-00 Acre) by Sri Krishnegowda (SEIAA 664 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Krishnegowda, S/o. Gopalagowda, Kattaya Village, Alur Taluk, Hassan Distirct, Karnataka - 573128.

<table>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone Quarry" of
Sri. Krishnegowda,
Sy No. 347/3,
Kattaya village,
Hassan Taluk,
Hassan District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table>
<tr><th>Corner Pillar</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>BP-A</td><td>N 12° 54′ 34.3″</td><td>E 76° 04′ 09.5″</td></tr>
<tr><td>BP-B</td><td>N 12° 54′ 31.6″</td><td>E 76° 04′ 11.4″</td></tr>
<tr><td>BP-C</td><td>N 12° 54′ 30.9″</td><td>E 76° 04′ 10.2″</td></tr>
<tr><td>BP-D</td><td>N 12° 54′ 33.6″</td><td>E 76° 04′ 08.3″</td></tr>
<tr><td colspan="3">WGS-84 DATUM</td></tr>
</table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Building Stone</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Patta Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.404 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed in case of River sand</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>It's Building Stone.</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>It's a Fresh Land</td></tr>
<tr><td>13</td><td>Annual Production Proposed (Metric Tons/ CUM) / Annum</td><td>25,000TPA</td></tr>
<tr><td>14</td><td>Quantity of Topsoil/Over burden in</td><td>1,000 cu.m</td></tr>
</table>

	cubic meter			
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		1,316TPA	
16	Project Cost (Rs. In Crores)		0.61crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Kattaya State Forest - 0.25 Kms (N)	
	b.	Nearest Human Habitation	Kattaya village – 2.10 kms(SE)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Hassan – 10.93 kms (SE)	
	d.	Water Bodies	Ganggaman Kola - 1.55 kms(SE) Yagachi River - 4.15 Kms (W) Gorur Hemavathi Reserviour - 5.05	
	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	0-20	
	b.	Waste Dumping Area	0-01	
	c.	Top Soil yard	0-01	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area	0-17	
	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	8.85KLD
			Domestic	1.20KLD
			Other	1.55KLD
			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 proponent was invited for the 233th 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.

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

233.37 Proposed Building Stone Quarry Project at Sy.No.57M/16 Hiremallanakere Village, Hoovinahadagali Taluk, Ballari District (4-00 Acres) by Sri K. Vasanthkumar (SEIAA 668 MIN 2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri K.VasanthKumar
169,Kottur ,ward 6 ,
k: Kudligi,
Bellary Dist.
Karnataka State.
Mobile No. +91 8548966685.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>mallanakereVillage
inHadagaliTaluk
Bellary District
Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Corner Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td>1)</td><td>N15°03'33.4"</td><td>E75°57'58.5"</td></tr><tr><td>2)</td><td>N15°03'37.5"</td><td>E75°57'55.4"</td></tr><tr><td>3)</td><td>N15°03'39.4"</td><td>E75°57'58.2"</td></tr><tr><td>4)</td><td>N15°03'35.2"</td><td>E75°58'01.3"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone.</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New.</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Govt Land.</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
</table>

8	Area in Ha		4.00 Acre(1.6118 Ha) Sy No: 461/3	
9	Actual Depth of building stone in the lease area /Patta Land building stone		Depth of building stone inGovt land -20mt(from top level).	
10	Depth of building stone proposed to be removed		Depth of building stone proposed-15mt (from top level)	
11	Annual Production Proposed (Metric Tons/ CUM) / Annum		Max-25028 TPA and Min-25006	
12	Quantity of Topsoil/Over burden in cubic meter		Waste- 1013 TPA	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		Nil	
14	Project Cost (Rs. In Crores)		40 Lakh	
15	Environmental Sensitivity			
	a.	Nearest Forest	Reserve Forest 2.0 km from existing quarry.	
	b.	Nearest Human Habitation	Dasarahalli -2.21 km	
	c.	Educational Institutes, Hospital	Hoovin Hadagali-6.1km	
	d.	Water Bodies	Dasarahalli water pond-2.00km	
	e.	Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006			
17	Details of Land Use in A-G	Existing	Proposed	
	a.	Area for Mining/ Quarrying	1-25	2-14
	b.	Waste Dumping Area	0-02	0-05
	c.	Top Soil Storage Area	-	--
	d.	Mineral Storage Area	-	0-21
	e.	Infrastructure Area	-	0-01
	f.	Road Area	0-07	0-07
	g.	Safety Zone Area	-	0-30
	h.	Others Specify Safety Zone,Feature use	2-06	0-02
		Total	4.0 Acre (1.6118 Ha)	4.00 Acre
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	7.0
			Domestic	1.5
			Other	1.5
			Total	10.0
20	Storm water management plan		--	

The proponent was invited for the 233th 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.

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

233.38 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk & District (Q.L. No.135) (0-25 Acres) by Sri S.K. Subbanna (SEIAA 669 MIN 2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. S. K. Subbanna,
S/o Doddakyathappa,
Sadahalli Village & Post,
Devanahalli Taluk,
Bengaluru Rural District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Ornamental Granite Quarry" of Sri. S. K. Subbanna,
Sy No; 04
Gummalapura village,
Chikkaballapura Taluk,
Chikkaballapura District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Boundary Points</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>13° 34' 37.9"</td><td>77° 43' 50.9"</td></tr><tr><td>B</td><td>13° 34' 34.9"</td><td>77° 43' 52.2"</td></tr><tr><td>C</td><td>13° 34' 34.6"</td><td>77° 43' 51.5"</td></tr><tr><td>D</td><td>13° 34' 37.6"</td><td>77° 43' 50.1"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Ornamental Granite Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Renewal(QL No-135)</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government KharabLand</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.253 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
</table>

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 Ornamental Granite Quarry	
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining.proposals other than river sand		1005m Existing pit level	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		1,536 Cu.m/annum of Ornamental and 766 TPA (288Cu.m per annum) for Saleable Building Stone	
14	Quantity of Topsoil/Over burden in cubic meter		The top soil is nil. So, that storage of top soil Doesn't arise.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		96 cu.mper annum	
16	Project Cost (Rs. In Crores)		0.56crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Narasimha Devar Betta Reserved Forest – 1.80 Kms (SW) Haristala Reserved Forest – 2.25 Kms (SE)	
	b.	Nearest Human Habitation	Gummalapura Village – 0.40 Kms(SW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.70 Kms (S)	
	d.	Water Bodies	Addagal Pond – 1.60 Kms(SE) Mandikal Pond – 2.10 Kms (N)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	0.131	
	b.	Waste Dumping Area	--	
	c.	Top Soil yard	--	
	d.	Mineral Storage Area	0.015	
	e.	Infrastructure Area	--	
	f.	Road Area	0.010	
	g.	Green Belt Area	--	
	h.	Unexplored area	0.087	
	i.	Others Specify(Parpet walls, Settling tanks)	0.010	
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	Dust	1.975KLD

		KLD	Suppression	
			Domestic	0.675 KLD
			Other	0.25 KLD
			Total	2.9 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in 16-3-2011 for 05 years starting from 2009 and as per the KMMCR amendments the lease period gets extended upto 2039.The proponent has stated that he has carried out the mining activity from 2009 to 2015 and no activities has been carried out since 2015. The total quantity mined between 2009 and 2014-15 is 4000tons or 1503 cum as per audit report. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlir in the year 2009 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved. Also the DMG has also notified the cluster involving 11 leases including this lease and also approved mining plan exempting Buffer zone requirements in the common boundary.

As seen from the quarry plan there is a level difference of 24 meters and taking this into consideration and also the fact that he has already mined 1503cum the committee opined that the proposed gross quantity of 22144cum can be mined safely and scientifically within the lease period. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e., 17715cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 350 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.3.5lakhs for a lease period to take up rejuvenation of Mandikal 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.

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

233.39 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk & District (Q.L. No.178) (0-25 Acres) by Sri A. Narayanaswamy (SEIAA 670 MIN 2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. A. Narayana Swamy
S/o Annayyappa,
Navarathna Agrahara,
Sadahalli Post,
Bengaluru North – 562110.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Ornamental Granite Quarry" of Sri. A. Narayana Swamy
Sy No: 04,
Gummalapura Village,
Chikkabalapura Taluk,
Chikkabalapura District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Boundary Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>13° 34' 36.1"</td><td>77° 43' 55.3"</td></tr><tr><td>B</td><td>13° 34' 35.8"</td><td>77° 43' 54.6"</td></tr><tr><td>C</td><td>13° 34' 38.8"</td><td>77° 43' 53.2"</td></tr><tr><td>D</td><td>13° 34' 39.1"</td><td>77° 43' 54.0"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Ornamental Granite Quarry</td></tr>
</table>

5	New / Expansion / Modification / Renewal		Renewal(QL No-178)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Government Kharab Land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		0.253 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 Ornamental Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		1011m Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		1,536 Cu.m per annum of Ornamental and 766 Tons per annum (288 Cu.m/annum) for Saleable Building Stone
14	Quantity of Topsoil/Over burden in cubic meter		The top soil is nil. So, that storage of top soil doesn't arise.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		96 cu.mper annum
16	Project Cost (Rs. In Crores)		0.58 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Narasimha Devar Betta Reserved Forest – 1.85 Kms (SW) Haristala Reserved Forest – 2.31 Kms (SE)
	b.	Nearest Human Habitation	Gummalapura Village – 0.50 Kms(SW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.26 Kms (S)
	d.	Water Bodies	Addagal Pond – 1.60 Kms(SE) Mandikal Pond – 2.00 Kms (N)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Hectares		
	a.	Area for Mining/ Quarrying	0.120
	b.	Waste Dumping Area	--
	c.	Top Soil yard	
	d.	Mineral Storage Area	0.020

	e.	Infrastructure Area		
	f.	Road Area	0.010	
	g.	Green Belt Area	--	
	h.	Unexplored area	0.093	
	i.	Others Specify(Parpet walls, Settling tanks)	0.010	
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	1.975KLD
			Domestic	0.675 KLD
			Other	0.25 KLD
			Total	2.9 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent was invited for the 233rd meeting held on 31st October 2019 for appraisal.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in 18-7-2011 for 05 years. As per the KMMCR amendments the lease period gets extended up to 2041.The proponent has stated that he has carried out the mining activity from 2011 to 2015 and no activities has been carried out since then till date. The total quantity mined between 2011 and 2014-15 is 2100tons or 789cum as per audit report. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlir in the year 2011 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved. Also the DMG has also notified the cluster involving 11 leases including this lease and also approved mining plan exempting Buffer zone requirements in the common boundary.

As seen from the quarry plan there is a level difference of 5 meters and taking this into consideration and also the fact that he has already mined 789cum the committee opined that the 60% of the proposed gross quantity of 25040cum can be mined safely and scientifically

within the lease period. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e., 12019cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 350 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. 2.5lakhs for a lease period to take up rejuvenation of Mandikal kere which is at a distance of 1.9KM 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.

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

Additional Subjects:

233.40 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk & District (Q.L. No.136) (0-25 Acre) By Sri Nagesh(SEIAA671MIN2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. N.Nagesha, S/o Narayanappa, Seekayanahalli Village, Vishwanathapura Post, Devanahalli Taluk, Bengaluru Rural District

<table>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Ornamental Granite Quarry" of Sri. N.Nagesha,
Sy No: 04,
Gummalapura Village,
Chikkabalapura Taluk,
Chikkabalapura District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><td>Boundary Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>13° 34' 38.2"</td><td>77° 43' 51.7"</td></tr><tr><td>B</td><td>13° 34' 35.2"</td><td>77° 43' 53.0"</td></tr><tr><td>C</td><td>13° 34' 34.9"</td><td>77° 43' 52.2"</td></tr><tr><td>D</td><td>13° 34' 37.9"</td><td>77° 43' 50.9"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Ornamental Granite Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Renewal(QL No-136)</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Kharab Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.253 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed in case of River sand</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>It's Ornamental Granite Quarry</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>998m Existing pit level</td></tr>
<tr><td>13</td><td>Annual Production Proposed (Metric Tons/ CUM) / Annum</td><td>1,532Cu.m/annum of Ornamental and 763 TPA (287Cu.m per annum) for Saleable Building Stone</td></tr>
<tr><td>14</td><td>Quantity of Topsoil/Over burden in cubic meter</td><td>The top soil is nil. So, that storage of top soil doesn't arise</td></tr>
<tr><td>15</td><td>Mineral Waste Handled (Metric</td><td>96cu.mper annum</td></tr>
</table>

	Tons/ CUM)/ Annum			
16	Project Cost (Rs. In Crores)		0.56crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Narasimha Devar Betta Reserved Forest – 1.70 Kms (SW) Haristala Reserved Forest – 2.25 Kms (SE)	
	b.	Nearest Human Habitation	Gummalapura Village – 0.40 Kms(SW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.60 Kms (S)	
	d.	Water Bodies	Addagal Pond – 1.60 Kms(SE) Mandikal Pond – 2.10 Kms (N)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	0.146	
	b.	Waste Dumping Area	--	
	c.	Top Soil yard		
	d.	Mineral Storage Area	0.013	
	e.	Infrastructure Area		
	f.	Road Area	0.010	
	g.	Green Belt Area	--	
	h.	Unexplored area	0.074	
	i.	Others Specify(Parpet walls, Settling tanks)	0.010	
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	1.975KLD
			Domestic	0.675 KLD
			Other	0.25 KLD
			Total	2.9 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

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

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in the year 2004 and the same has been renewed for further 5 years up to 2014 and as per the KMMCR amendments the lease period gets extended upto 2034. The proponent has stated that he has carried out the mining activity from 2007-08 to 2014-2015 and no activities has been carried out since then till date. The total quantity mined between 2007-08 to 2014-15 is 4900tons or 1842 cum as per audit report. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlir in the year 2004 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved. Also the DMG has also notified the cluster involving 11 leases including this lease and also approved mining plan exempting Buffer zone requirements in the common boundary.

As seen from the quarry plan there is a level difference of 30 meters and taking this into consideration and also the fact that he has been exempted on three sides which has common boundary with other leases and also the already mined quantity 1842cum the committee opined that 85% of the proposed gross quantity of 39500cum can be mined safely and scientifically within the lease period. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e., 26860cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 340 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.5.0lakhs for a lease period to take up rejuvenation of Mandikal 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.

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

233.41 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.149) (2-00 Acres) By M/s Veera Hanuman India Granites(SEIAA685MIN2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>M/s Veera Hanuman India Granites
No – 19, Lakkaondalli Village,
Hosakote Taluk,
Bengaluru District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>“Ornamental Granite Quarry” of M/s Veera Hanuman India Granites
Sy No; 04
Gummalapura village,
Chikkaballapura Taluk,
Chikkaballapura District,
Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Boundary Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>13° 34' 38.4"</td><td>77° 43' 52.0"</td></tr><tr><td>B</td><td>13° 34' 37.4"</td><td>77° 43' 49.4"</td></tr><tr><td>C</td><td>13° 34' 40.3"</td><td>77° 43' 48.2"</td></tr><tr><td>D</td><td>13° 34' 41.3"</td><td>77° 43' 50.7"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Ornamental Granite Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Renewal(QL No-149)</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government KharabLand</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.809 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed in case of River sand</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline</td><td>It’s Ornamental Granite Quarry</td></tr>
</table>

	2016			
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		999m existing pit level	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		5,056 Cu.m/annum of Ornamental and 2,521 TPA (948Cu.m /annum) for Saleable Building Stone	
14	Quantity of Topsoil/Over burden in cubic meter		The topsoil is nil. So, that storage of topsoil doesn't arise.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		316 cu.m/annum	
16	Project Cost (Rs. In Crores)		1.19crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Narasimha Devar Betta Reserved Forest – 1.80 Kms (SW) Haristala Reserved Forest – 2.50 Kms (SE)	
	b.	Nearest Human Habitation	Gummalapura Village – 0.40 Kms(SW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.80 Kms (S)	
	d.	Water Bodies	Addagal Pond – 1.60 Kms(SE) Mandikal Pond – 1.90 Kms (N)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	0.340	
	b.	Waste Dumping Area	--	
	c.	Top Soil yard	--	
	d.	Mineral Storage Area	0.040	
	e.	Infrastructure Area	0.015	
	f.	Road Area	0.010	
	g.	Green Belt Area	0.050	
	h.	Unexplored area	0.304	
	i.	Others Specify	0.050	
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	6.95KLD
			Domestic	0.90 KLD
			Other	1.55 KLD
			Total	9.4 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 233rd meeting held on 30-10-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in the year 2011 and as per the KMMCR amendments the lease period gets extended upto 2041. The proponent has stated that he has carried out the mining activity from 2012-13 to 2014-2015 and no activities has been carried out since then till date. The total quantity mined between 2012-13 to 2014-15 is 3000tons or 1127 cum as per audit report. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlier in the year 2011 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved. Also the DMG has also notified the cluster involving 11 leases including this lease and also approved mining plan exempting Buffer zone requirements in the common boundary.

As seen from the quarry plan there is a level difference of 40 meters and taking this into consideration and also the fact that he has been exempted on three sides which has common boundary with other leases and also the already mined quantity 1127cum the committee opined that 60% of the proposed gross quantity of 175200cum can be mined safely and scientifically within the lease period considering that he has considered only 34 Guntas for the mining. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e., 84096cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 630 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.20.0lakhs for a lease period to take up rejuvenation of Mandikal 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.

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

233.42 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk & District (1-24 Acres) By M/s Four Season Rocks Inc (SEIAA681MIN2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>M/s. Four Season Rocks Inc,
No-197/3,Sadahalli Village & Post,
Devanahalli Taluk,
Bengaluru Rural District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Ornamental Granite Quarry" of M/s. Four Season Rocks Inc,
Sy No: 04,
Gummalapura Village,
Chikkabalapura Taluk,
Chikkabalapura District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Boundary Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>13° 34' 36.0"</td><td>77° 43' 50.0"</td></tr><tr><td>B</td><td>13° 34' 34.1"</td><td>77° 43' 46.2"</td></tr><tr><td>C</td><td>13° 34' 32.2"</td><td>77° 43' 47.0"</td></tr><tr><td>D</td><td>13° 34' 34.3"</td><td>77° 43' 49.8"</td></tr><tr><td>E</td><td>13° 34' 35.5"</td><td>77° 43' 50.3"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Ornamental Granite Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Renewal(QL No-176)</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Kharab Land</td></tr>
</table>

7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		0.648 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 Ornamental Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		Small Quanity to be worked.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		4,040Cu.m/annum of Ornamental and 2016 TPA (758Cu.m per annum) for Saleable Building Stone
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		253cu.mper annum
16	Project Cost (Rs. In Crores)		0.99crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Narasimha Devar Betta Reserved Forest – 1.65 Kms (SW) Haristala Reserved Forest – 2.20 Kms (SE)
	b.	Nearest Human Habitation	Gummalapura Village – 0.30 Kms(SW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.55 Kms (S)
	d.	Water Bodies	Addagal Pond – 1.60 Kms(SE) Mandikal 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 Hectares		
	a.	Area for Mining/ Quarrying	0.340
	b.	Waste Dumping Area	--
	c.	Top Soil yard	--
	d.	Mineral Storage Area	0.040
	e.	Infrastructure Area	0.015
	f.	Road Area	0.010
	g.	Green Belt Area	0.050
	h.	Unexplored area	0.143
	i.	Others Specify(Parpet walls, Settling tanks)	0.050
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	5.7KLD
			Domestic	0.9 KLD
			Other	1.6 KLD
			Total	8.2 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 233rd meeting held on 30-10-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in the year 2011 and as per the KMMCR amendments the lease period gets extended upto 2041. The proponent has stated that he has carried out the mining activity from 2011-12 to 2012-2013 and no activities has been carried out since then till date. The total quantity mined between 2011-12 to 2012-13 is 500tons or 187 cum as per audit report. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlier in the year 2011 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved. Also the DMG has also notified the cluster involving 11 leases including this lease and also approved mining plan exempting Buffer zone requirements in the common boundary.

As seen from the quarry plan there is a level difference of 45 meters and taking this into consideration and also the fact that he has been exemptedbuffer zone on one side which has common boundary with other leases and also the already mined quantity 187cum the committee opined that the proposed gross quantity of 54436cum can be mined safely and scientifically for the lease period. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e., 43548cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted

prior to 9-9-2013 and hence exempted from cluster effect. 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 of 330 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.9.0lakhs for a lease period to take up rejuvenation of Gummalapura kere which is at a distance of 400meters 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.

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

233.43 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.150) (1-20 Acres) By Sri Subramanya(SEIAA686MIN2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th colspan="3">INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td colspan="3">Sri. S. Subramanya
S/o Nanjundappa,
Sadahalli Village & Post,
Devanahalli Taluk,
Bengaluru Rural District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td colspan="3">"Ornamental Granite Quarry" of Sri. S. Subramanya,
Sy No: 04,
Gummalapura Village,
Chikkabalapura Taluk,
Chikkabalapura District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td colspan="3"><table><tr><td>Boundary Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>13° 34' 39.1"</td><td>77° 43' 54.0"</td></tr><tr><td>B</td><td>13° 34' 38.4"</td><td>77° 43' 52.0"</td></tr><tr><td>C</td><td>13° 34' 41.3"</td><td>77° 43' 50.7"</td></tr><tr><td>D</td><td>13° 34' 42.0"</td><td>77° 43' 52.6"</td></tr></table></td></tr>
</table>

4	Type of Project		**Ornamental Granite Quarry**
5	New / Expansion / Modification / Renewal		Renewal(QL No-150)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Government Kharab Land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		0.607 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 Ornamental Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		1009m Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		3,758Cu.m/annum of Ornamental and 1,875 TPA (705 Cu.m/annum) for Saleable Building Stone
14	Quantity of Topsoil/Over burden in cubic meter		The top soil is nil. So, that storage of top soil doesn't arise.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		235cu.m / annum
16	Project Cost (Rs. In Crores)		1.02crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Narasimha Devar Betta Reserved Forest – 1.70 Kms (SW) Haristala Reserved Forest – 2.20 Kms (SE)
	b.	Nearest Human Habitation	Gummalapura Village – 0.49 Kms(SW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.70 Kms (S)
	d.	Water Bodies	Addagal Pond – 1.70 Kms(SE) Mandikal Pond – 2.00 Kms (N)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Hectares		
	a.	Area for Mining/ Quarrying	0.310
	b.	Waste Dumping Area	--
	c.	Top Soil yard	

	d.	Mineral Storage Area	0.030	
	e.	Infrastructure Area	0.010	
	f.	Road Area	0.020	
	g.	Green Belt Area	0.030	
	h.	Unexplored area	0.187	
	i.	Others Specify(Parpet walls, Settling tanks)	0.020	
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	4.82KLD
			Domestic	0.67 KLD
			Other	1.51 KLD
			Total	7.00 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 233rd meeting held on 30-10-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in the year 1999 and as per the KMMCR amendments the lease period gets extended upto 2029. The proponent has stated that he has carried out the mining activity from 1999-2000 to 2014-2015 and no activities has been carried out since then till date. The total quantity mined between 1999-2000 to 2014-15 is 3750tons or 1409 cum as per audit report. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlier in the year 1999 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved. Also the DMG has also notified the cluster involving 11 leases including this lease and also approved mining plan exempting Buffer zone requirements in the common boundary.

As seen from the quarry plan there is a level difference of 20 meters and taking this into consideration and also the fact that he has been exempted buffer zone on three sides which have common boundary with other leases and also the already mined quantity 1409cum the

committee opined that 65% of the proposed gross quantity of 91170cum can be mined safely and scientifically for the lease period to a depth of 12meters. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e., 47408cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 630 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.10.0lakhs for a lease period to take up rejuvenation of Gummalapura kere which is at a distance of 400meters 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.

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

233.44 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk & District (Q.L. No.175) (0-20 Acre) By M/s Syed Yusuf (SEIAA679MIN2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Syed Yusuf S/o Khasim, No – 11/7, 4th D Cross, Mothersab Layout, New Gurappana Palya Extension, Bengaluru – 560 029.

<table>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Ornamental Granite Quarry" of Sri. Syed Yusuf
Sy No: 04,
Gummalapura Village,
Chikkabalapura Taluk,
Chikkabalapura District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><td>Boundary Point</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>13° 34' 37.7"</td><td>77° 43' 49.3"</td></tr><tr><td>B</td><td>13° 34' 37.4"</td><td>77° 43' 48.7"</td></tr><tr><td>C</td><td>13° 34' 40.4"</td><td>77° 43' 47.4"</td></tr><tr><td>D</td><td>13° 34' 40.7"</td><td>77° 43' 48.1"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Ornamental Granite Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Renewal(QL No-175)</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Kharab Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.202 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed in case of River sand</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>It's Ornamental Granite Quarry</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>Small Quanity to be worked.</td></tr>
<tr><td>13</td><td>Annual Production Proposed (Metric Tons/ CUM) / Annum</td><td>1,300Cu.m/annum of Ornamental and 649 TPA (244Cu.m/annum) for Saleable Building Stone</td></tr>
<tr><td>14</td><td>Quantity of Topsoil/Over burden in cubic meter</td><td>The top soil is nil. So, that storage of top soil doesn't arise.</td></tr>
<tr><td>15</td><td>Mineral Waste Handled (Metric Tons/ CUM)/ Annum</td><td>81cu.m/ annum</td></tr>
<tr><td>16</td><td>Project Cost (Rs. In Crores)</td><td>0.56crores</td></tr>
<tr><td>17</td><td colspan="2">Environmental Sensitivity</td></tr>
<tr><td></td><td>a. Nearest Forest</td><td>Narasimha Devar Betta Reserved Forest – 1.70 Kms</td></tr>
</table>

			(SW) Haristala Reserved Forest – 2.30 Kms (SE)	
	b.	Nearest Human Habitation	Gummalapura Village – 0.44 Kms(SW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.75 Kms (S)	
	d.	Water Bodies	Addagal Pond – 1.70 Kms(SE) Mandikal Pond – 2.05 Kms (N)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	0.100	
	b.	Waste Dumping Area	--	
	c.	Top Soil yard	--	
	d.	Mineral Storage Area	0.010 (Temporary within the pit)	
	e.	Infrastructure Area	--	
	f.	Road Area	0.002	
	g.	Green Belt Area	0.010	
	h.	Unexplored area	0.070	
	i.	Others (Parpet walls, settling tank)	0.020	
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	1.975KLD
			Domestic	0.675 KLD
			Other	0.25 KLD
			Total	2.9 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

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

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in the year 2011 and as per the KMMCR amendments the lease period gets extended upto 2041. The proponent has stated that he has carried out the mining activity only during 2012-2013 and no activities has been carried out since then till date. The total quantity mined during 2012-13 is 300tons or 112 cum as per audit report. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlier in the year 2011 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved. Also the DMG has also notified the cluster involving 11 leases including this lease and also approved mining plan exempting Buffer zone requirements in the common boundary.

As seen from the quarry plan there is a level difference of 20 meters and taking this into consideration and also the fact that he has been exempted buffer zone on three sides which have common boundary with other leases and also the already mined quantity 112cum the committee opined that the proposed proved quantity of 10905cum can be mined safely and scientifically for the lease period to a depth of 6meters. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e., 8724cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 340 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.2.0lakhs for a lease period to take up rejuvenation of Mandikal kere which is at a distance of 2KM 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.

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

233.45 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk & District (0-25 Acres)By sri S.A Narayanaswamy (SEIAA683MIN2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. S. A. Narayana Swamy
S/o Anjinappa,
Sadahalli Village & Post,
Devanahalli Taluk,
Bengaluru Rural District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Ornamental Granite Quarry" of Sri. S. A. Narayana Swamy
Sy No; 04
Gummalapura village,
Chikkaballapura Taluk,
Chikkaballapura District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Boundary Points</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>13° 34' 38.5"</td><td>77° 43' 52.4"</td></tr><tr><td>B</td><td>13° 34' 35.5"</td><td>77° 43' 53.8"</td></tr><tr><td>C</td><td>13° 34' 35.2"</td><td>77° 43' 53.0"</td></tr><tr><td>D</td><td>13° 34' 38.2"</td><td>77° 43' 51.7"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Ornamental Granite Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Renewal(QL No-134)</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government KharabLand</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>0.253 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed in case of River sand</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>It's Ornamental Granite Quarry</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of</td><td>1005m Existing pit level</td></tr>
</table>

	ongoing/expansion/modification of mining proposals other than river sand			
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		1,536 Cu.m/annum of Ornamental and 766 TPA (288Cu.m per annum) for Saleable Building Stone	
14	Quantity of Topsoil/Over burden in cubic meter		The top soil is nil. So, that storage of top soil Doesn't arise.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		96 cu.mper annum	
16	Project Cost (Rs. In Crores)		0.56crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Narasimha Devar Betta Reserved Forest – 1.80 Kms (SW) Haristala Reserved Forest – 2.25 Kms (SE)	
	b.	Nearest Human Habitation	Gummalapura Village – 0.40 Kms(SW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.70 Kms (S)	
	d.	Water Bodies	Addagal Pond – 1.60 Kms(SE) Mandikal Pond – 2.10 Kms (N)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	0.120	
	b.	Waste Dumping Area	--	
	c.	Top Soil yard	--	
	d.	Mineral Storage Area	0.015	
	e.	Infrastructure Area	--	
	f.	Road Area	0.010	
	g.	Green Belt Area	--	
	h.	Unexplored area	0.098	
	i.	Others Specify(Parpet walls, Settling tanks)	0.010	
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	1.975KLD
			Domestic	0.675 KLD
			Other	0.25 KLD
			Total	2.9 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

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

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in the year 2011 and as per the KMMCR amendments the lease period gets extended upto 2041. The proponent has stated that he has carried out the mining activity during 2011-2012 to 2014-15 and no activities has been carried out since then till date. The total quantity mined during 2011-12 to 2014-15 is 2100tons or 789 cum as per audit report. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlier in the year 2011 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved. Also the DMG has also notified the cluster involving 11 leases including this lease and also approved mining plan exempting Buffer zone requirements in the common boundary.

As seen from the quarry plan there is a level difference of 25 meters and taking this into consideration and also the fact that he has been exempted buffer zone on three sides which have common boundary with other leases and also the already mined quantity 789cum the committee opined that 60% of the proposed proved quantity of 38544cum can be mined safely and scientifically for the lease period to a depth of 6meters. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e., 18501cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 340 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.4.0lakhs for a lease period to take up rejuvenation of Mandikal kere which is at a distance of 2KM 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.

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

233.46 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk & District (Q.L. No.179) (2-00 Acres) By Sri S.Mahesh(SEIAA672MIN2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. S. Mahesh
S/o S. K. Subbanna,
Sadahalli Village & Post,
Devanahalli Taluk,
Bengaluru Rural District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Ornamental Granite Quarry" of Sri. S. Mahesh,
Sy No: 04,
Gummalapura Village,
Chikkabalapura Taluk,
Chikkabalapura District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Boundary Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>13° 34' 36.0"</td><td>77° 43' 50.0"</td></tr><tr><td>B</td><td>13° 34' 34.1"</td><td>77° 43' 46.2"</td></tr><tr><td>C</td><td>13° 34' 36.0"</td><td>77° 43' 45.3"</td></tr><tr><td>D</td><td>13° 34' 37.7"</td><td>77° 43' 49.3"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Ornamental Granite Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Renewal(QL No-179)</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Kharab Land</td></tr>
</table>

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 Ornamental Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		Small Quanity to be worked.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		5,040Cu.m/annum of Ornamental and 2,514 TPA (945Cu.m/annum) for Saleable Building Stone
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		315cu.m/annum
16	Project Cost (Rs. In Crores)		1.20crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Narasimha Devar Betta Reserved Forest – 1.60 Kms (SW) Haristala Reserved Forest – 2.30 Kms (SE)
	b.	Nearest Human Habitation	Gummalapura Village – 0.35 Kms(SW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.50 Kms (S)
	d.	Water Bodies	Addagal Pond – 1.60 Kms(SE) Mandikal Pond – 2.10 Kms (N)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Hectares		
	a.	Area for Mining/ Quarrying	0.280
	b.	Waste Dumping Area	--
	c.	Top Soil yard	--
	d.	Mineral Storage Area	0.040
	e.	Infrastructure Area	0.010
	f.	Road Area	0.020
	g.	Green Belt Area	0.070
	h.	Unexplored area	0.289
	i.	Others Specify(Parpet walls, Settling tanks)	0.100
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	6.95KLD
			Domestic	0.9 KLD
			Other	1.55 KLD
			Total	9.4 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 233rd meeting held on 30-10-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in the year 2011 and as per the KMMCR amendments the lease period gets extended upto 2041. The proponent has stated that he has carried out the mining activity during 2011-2012 to 2014-15 and no activities has been carried out since then till date. The total quantity mined during 2011-12 to 2014-15 is 4500tons or 1691 cum as per audit report. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlier in the year 2011 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved. Also the DMG has also notified the cluster involving 11 leases including this lease and also approved mining plan exempting Buffer zone requirements in the common boundary.

As seen from the quarry plan there is a level difference of 55 meters and taking this into consideration and also the fact that he has been exempted buffer zone on one side which has common boundary with other leases and also the already mined quantity 1691cum the committee opined that the proposed proved quantity of 87240cum can be mined safely and scientifically for the lease period to a depth of 12meters. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e., 69792cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 330 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.15.0lakhs for a lease period to take up rejuvenation of Kachakadatha kere which is at a distance of 1.85KM 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.

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

233.47 Proposed Ornamental Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.177) (0-25 Acres) By Sri A.Dasa (SEIAA687MIN2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th colspan="3">INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td colspan="3">Sri. Dasa,
S/o Munivenkatappa,
Sadahalli Village & Post,
Devanahalli Taluk,
Bengaluru Rural District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td colspan="3">"Ornamental Granite Quarry" of Sri. Dasa,
Sy No: 04,
Gummalapura Village,
Chikkabalapura Taluk,
Chikkabalapura District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>Boundary Point</td><td>Latitude</td><td>Longitude</td></tr>
<tr><td></td><td></td><td>A</td><td>13° 34' 35.8"</td><td>77° 43' 54.6"</td></tr>
<tr><td></td><td></td><td>B</td><td>13° 34' 35.5"</td><td>77° 43' 53.8"</td></tr>
<tr><td></td><td></td><td>C</td><td>13° 34' 38.5"</td><td>77° 43' 52.4"</td></tr>
<tr><td></td><td></td><td>D</td><td>13° 34' 38.8"</td><td>77° 43' 53.2"</td></tr>
</table>

4	Type of Project		**Ornamental Granite Quarry**
5	New / Expansion / Modification / Renewal		Renewal(QL No-177)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Government Kharab Land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		0.253 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 Ornamental Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		1012m Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		1,536Cu.m/annum of Ornamental and 766 TPA (288Cu.m/annum) for Saleable Building Stone
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		96cu.m/annum
16	Project Cost (Rs. In Crores)		0.56crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Narasimha Devar Betta Reserved Forest – 1.65 Kms (SW) Haristala Reserved Forest – 2.15 Kms (SE)
	b.	Nearest Human Habitation	Gummalapura Village – 0.45 Kms(SW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.60 Kms (S)
	d.	Water Bodies	Addagal Pond – 1.60 Kms(SE) Mandikal Pond – 2.10 Kms (N)
	e.	Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006		NA
19	Details of Land Use in Hectares		
	a.	Area for Mining/ Quarrying	0.115
	b.	Waste Dumping Area	--

	c.	Top Soil yard		
	d.	Mineral Storage Area	0.015	
	e.	Infrastructure Area		
	f.	Road Area	0.020	
	g.	Green Belt Area	---	
	h.	Unexplored area	0.093	
	i.	Others Specify(Parpet walls, Settling tanks)	0.010	
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	1.975KLD
			Domestic	0.675 KLD
			Other	0.25 KLD
			Total	2.9 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

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

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in the year 2011 and as per the KMMCR amendments the lease period gets extended upto 2041. The proponent has stated that he has carried out the mining activity during 2011-2012 to 2014-15 and no activities has been carried out since then till date. The total quantity mined during 2011-12 to 2014-15 is 2100tons or 789 cum as per audit report. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlier in the year 2011 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved. Also the DMG has also notified the cluster involving 11 leases including this lease and also approved mining plan exempting Buffer zone requirements in the common boundary.

As seen from the quarry plan there is a level difference of 20 meters and taking this into consideration and also the fact that he has been exempted buffer zone on three sides

which have common boundary with other leases and also the already mined quantity 789cum the committee opined that 60% of the proposed proved quantity of 33654cum can be mined safely and scientifically for the lease period to a depth of 6meters. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e., 16153cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 330 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.4.0lakhs for a lease period to take up rejuvenation of Kachakadatha kere which is at a distance of 1.8KM 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.

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

233.48 Proposed Ordinary River Sand Quarry Project at Sy.Nos.255, 258, 259, 260, 262, 263, 266, 267 & 309(P) of Nandishwara Village, Athani Taluk, Belagam District (8-00 Acres) By Sir Manappa Tajappa Rathod (SEIAA 624 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	**Sri. Manappa Tajappa Rathod** H. No: 496, Near Khanapur court Azad Nagara Halakarani Khanapur (Rural) Belgaum Karnataka
2	Name & Location of the Project	Ordinary Sand Block No. 01 in 8-00 acres (3.238Ha.) in Krishna River Bed, Sy. No.255,

		258,259,260,262,263,266,267 & 309(P) of Nandishwara village, Athani Taluk, Belagam District, Karnataka.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 16°32'07.10"	E 75°05'36.30"
		B	N 16°32.05.70"	E 75°05'35.00"
		C	N 16°32.01.50"	E 75°05'39.10"
		D	N 16°31'55.70"	E 75°05'45.50"
		E	N 16°31'53.20"	E 75°05'48.80"
		F	N 16°31'54.50"	E 75°05'50.10"
		G	N 16°31'57.10"	E 75°05'46.80"
		H	N 16°32'02.80"	E 75°05'40.40"
4	Type of Mineral	Ordinary Sand		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	3.238 Ha.		
9	Actual Depth of sand in the lease area in case of River sand	3.0 m		
10	Depth of Sand proposed to be removed in case of River sand	2.0 m		
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	23,000 Tons/Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	469.50 Tons/Annum		
16	Project Cost (Rs. In Crores)	0.40		
17	Environmental Sensitivity			
	a. Nearest Forest	RF. Near Halingoli Village -3.03 Km S-SW RF. Near Satti-4.88 Km NW		

			RF. Near Savadi Village-8.52 Km NE RF. Kulahalli -6.17 E-NE Banhatti RF-7.51 Km SE Terinal RF-6.67 Km S-SW	
	b.	Nearest Human Habitation	Nandishwara village-1.5 Km	
	c.	Educational Institutes, Hospital	Athani-12.0 Km	
	d.	Water Bodies	The project lies on Krishna River	
	e.	Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	3.238 Ha.	
	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	3.65 KLD
			Domestic	0.85 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 232nd meeting held on 30-10-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee

noted that some discrepancies in river bed level were found for which the proponent has stated that he will come back with proper clarification in this matter. Hence committee decided to defer.

Now the proponent and consultant attended the 333rd Meeting held on 30-10-2019 and proponent has stated that he has got the inconsistencies corrected.

This is a proposal involving sand mining in Krishna River Bed. The proponent has got this lease through public auction. As per the quarry plan the average width of the river at the lease area is 170 meter and the buffer width of 26 meter has been left on right side and 88 meter on the left side of the river. The proponent has stated that the average dry weather flow in the lease area is 523.5 meter MSL and top level of the sand block is 526.5 meter MSL and the depth of the mining proposed being 2.0 meter and bottom of the mining pit will be 1.0 meter above the dry weather flow level. The proponent has stated that he will take up mining sub dividing the block into sub blocks and taking up mining in each block every year after reflenishment. As per the quarry plan the proposed quantity of 115000 tons can be mined safely and scientifically for a plan period of five 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 200 meter 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 200 meters and proceeding further to connect all weather road i.e., Nandeswara village road at a overall distance of 800 meters.

As far as CER is concerned the proponent has stated that he has earmarked Rs.4.0 lakhs to take up river bank strengthening works.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance with the following conditions:

1) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.

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

233.49 Proposed Building Stone Quarry Project at Sy.No.200 (P) of Ghodageri Village, Hukkeri Taluk, Belagavi District (7-00 Acres) By Sri Shrishail Chandrappa Varji (SEIAA 562 MIN 2019)

Sl No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. ShrishailChandrappaVarji Daneshwarinagar Ghataprabha, Gokak Belagavi
2	Name & Location of the project	200 (P) Ghodageri Village, HukkeriTq, BelagaviDist
3	Coordinates of the project site	Points / Longitude / Latitude A / E-74^0 41' 53.1" / N-16^0 09' 54.8" B / E-74^0 41' 57.0" / N-16^0 09' 54.8" C / E-74^0 41' 57.1" / N-16^0 09' 53.4" D / E-74^0 42' 01.6" / N-16^0 09' 52.7" E / E-74^0 42' 00.7" / N-16^0 09' 57.2" F / E-74^0 41' 58.1" / N-16^0 09' 57.2" G / E-74^0 41' 52.6" / N-16^0 09' 58.8"
4	Type of mineral	Building Stone
5	New / Expansion / Modification / Renewal	New
6	Type of land (Forest, Governemnt Revenue, Gomal, Private / patta, Other)	Pattaland
7	Whether the project site fall within ESZ / ESA	No
8	Area in Ha	2.83 Ha
9	Actual depth of sand in the lease area in case 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	NA
12	Measurements of the existing quarry pits in case of ongoing / expansion/ modification of the mining proposals other than river sand	NA (Fresh area)
13	Annual production proposed (Metric tons / CUM) / Annum	130000 TPA
14	Quantity of top soil / over burden	Nil

	in cubic meter		
15	Mineral waste handled (metric tons / CUM) / Annum		100000 TPA
16	Project cost (Rs. in crore)		1.00
17	Environment sensitivity		
	a.	Nearest forest	Reserve forest – 1.78kms
	b.	Nearest human habitation	Ghodageri–1.60 km
	c.	Educational institutions, hospital	Ghodageri–1.60 km
	d.	Water bodies	Hidkal reservoir – 6.53Kms (SW)
	e.	Others specify	NA
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of land use in acres		
	a.	Area for mining / quarrying	2.14
	b.	Waste dumping area	0.12
	c.	Top soil storage area	-
	d.	Mineral storage area	-
	e.	Infrastructures area	-
	f.	Road area	-
	g.	Green belt area / buffer zone	0.57
	h.	Unexplored area	-
	i.	Others specify	-
20	Method of mining / quarrying		Semi mechanized open cast method
21	Rate of Replenishment in case River sand project		NA
22	Water requirement		
	a.	Source of water	Borewell
	b.	Total requirement of water in KLD	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 231st meeting held on 25-9-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting.

As seen from the notified eco-sensitive zone for Ghataprabha Bird Sanctuary 171 Ha. of the village Ghodageri in Hukkeri Taluk falls within the eco-sensitive zone, for which the proponent has stated that he will come up with clarification in this regard. Hence committee decided to defer the subject.

The Proponent and Environment Consultant attended the 233rd meeting held on 30-10-2019 to provide clarification/additional information.

The proponent has brought a letter issued by Forest Dept. Authority wherein it is mentioned that this lease area is outside the Notified ESZ of Ghataprabha Bird Sanctuary. Hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

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 also obtained land conversion order. The lease has been notified on 05-07-2019.

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 60% of the proposed proved quantity of 2051415tons or 771208 cum can be mined safely and scientifically to a quarry pit depth of 25meters for a lease period.

As per the extended combined sketch prepared by DMG there are three leases including this lease within 500 meter radius from this lease. The total area of these lease being 12.00 Acre and which is being less then 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 310meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.40.00 lakhs to take up remediation works in Rain devastated Gokak Tq.

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.

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

233.50 Proposed Building Stone Quarry Project at Sy.No.73/1A/1 (P) of Gokak Taluk, Belagavi District (1-20 Acres) By Smt. Jayashree Mallapur (SEIAA 563 MIN 2019)

Sl No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Smt. Jayashree S Mallapur Dhupdal village, Gokak Tq Belagavi
2	Name & Location of the project	Sy No 73/1A/1 (P) Dhupdal Village, GokakTaluk, Belagavi
3	Coordinates of the project site	Points: A — Longitude: E-74^0 46' 31.7" — Latitude: N-16^0 13' 28.4" B — E-74^0 46' 26.9" — N-16^0 13' 28.6" C — E-74^0 46' 26.6" — N-16^0 13' 27.2" D — E-74^0 46' 31.4" — N-16^0 13' 27.1" X — E-74^0 46' 34.7" — N-16^0 13' 30.3"
4	Type of mineral	Building Stone
5	New / Expansion / Modification / Renewal	New
6	Type of land (Forest, Governemnt Revenue, Gomal, Private / patta, Other)	Govt land
7	Whether the project site fall within ESZ / ESA	No
8	Area in Ha	0.607
9	Actual depth of sand in the lease area in case 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	NA
12	Measurements of the existing quarry pits in case of ongoing / expansion/ modification of the mining proposals other than river sand	NA (Fresh area)
13	Annual production proposed (Metric tons / CUM) / Annum	15000 TPA
14	Quantity of top soil / over burden in cubic meter	NA
15	Mineral waste handled (metric tons / CUM) / Annum	309 TPA
16	Project cost (Rs. in crore)	0.50
17	Environment sensitivity	

	a.	Nearest forest	Reserve forest – 5.00 kms
	b.	Nearest human habitation	Ghataprabha – 2.10 km (NW)
	c.	Educational institutions, hospital	Ghataprabha – 2.10 km (NW)
	d.	Water bodies	R. Ghataprabha– 3.00 Kms (W)
	e.	Others specify	NA
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of land use in acres		
	a.	Area for mining / quarrying	0.331
	b.	Waste dumping area	0.025
	c.	Top soil storage area	-
	d.	Mineral storage area	-
	e.	Infrastucture area	-
	f.	Road area	-
	g.	Green belt area / buffer zone	0.251
	h.	Unexplored area	-
	i.	Others specify	-
20	Method of mining / quarrying		Semi mechanized open cast method
21	Rate of Replenishment in case River sand project		NA
22	Water requirement		
	a.	Source of water	Borewell
	b.	Total requirement of water in KLD	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 229th meeting held on 27-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the Dhupadal village where this mining lease is situated is a village notified under villages covered under eco-sensitive zone of Ghataprabha Bird Sancutary for which the proponent has stated that he will come back with proper justification and required NoCs to take up this mining activities. Hence the committee decided to defer the subject.

The Proponent and Environment Consultant attended the 233rd meeting held on 30-10-2019 to provide clarification/additional information.

The proponent has brought a letter issued by Forest Dept. Authority wherein it is mentioned that this lease area is outside the Notified ESZ of Ghataprabha Bird Sanctuary. Hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

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 also obtained land conversion order. The lease has been notified on 14-03-2019.

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 40% of the proposed proved quantity of 192129tons or 72228cum can be mined safely and scientifically to a quarry pit depth of 10meters for a lease period.

As per the extended combined sketch prepared by DMG there are four leases including this lease within 500 meter radius from this lease. The total area of these lease being 6Acre 20Guntas and which is being less then 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 900meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.1.5 lakhs to take up remediation works in raindevastated Gokak Tq.

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.

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

233.51 Proposed Ornamental Granite Quarry Project at Sy.No.04 of GummalapuraVillage, Chikkaballapura Taluk & District (6-00 Acres) By sri S.G Gangaraju(SEIAA684MIN2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. S. G. Gangaraju
Sadahalli Village & Post,
Devanahalli Taluk,
Bengaluru Rural District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Ornamental Granite Quarry" of Sri. S. G. Gangaraju
Sy No: 04,
Gummalapura Village,
Chikkabalapura Taluk,
Chikkabalapura District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th>Boundary Point</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>13° 34' 37.4"</td><td>77° 43' 54.8"</td></tr><tr><td>B</td><td>13° 34' 41.7"</td><td>77° 43' 52.8"</td></tr><tr><td>C</td><td>13° 34' 43.8"</td><td>77° 43' 58.3"</td></tr><tr><td>D</td><td>13° 34' 38.8"</td><td>77° 43' 59.2"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Project</td><td>Ornamental Granite Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>Renewal(QL No-216)</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government Kharab Land</td></tr>
<tr><td>7</td><td>Whether the project site fall within ESZ/ESA</td><td>No</td></tr>
<tr><td>8</td><td>Area in Ha</td><td>2.430 Ha</td></tr>
<tr><td>9</td><td>Actual Depth of sand in the lease area in case of River sand</td><td>NA</td></tr>
<tr><td>10</td><td>Depth of Sand proposed to be removed in case of River sand</td><td>NA</td></tr>
<tr><td>11</td><td>Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016</td><td>It's Ornamental Granite Quarry</td></tr>
<tr><td>12</td><td>Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand</td><td>1016m Existing pitlevel</td></tr>
<tr><td>13</td><td>Annual Production Proposed (Metric Tons/ CUM) / Annum</td><td>15,016 Cu.m per annum of Ornamental granite and 7,490 TPA (2,816Cu.m per annum) for Saleable Building Stone</td></tr>
</table>

14	Quantity of Topsoil/Over burden in cubic meter		The top soil is nil. So, that storage of top soildoesn't arise.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		939cu.mper annum	
16	Project Cost (Rs. In Crores)		1.43crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Narasimha Devar Betta Reserved Forest – 1.80 Kms (SW) Haristala Reserved Forest – 2.28 Kms (SE)	
	b.	Nearest Human Habitation	Gummalapura Village – 0.50 Kms(SW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura - 15.65 Kms (S)	
	d.	Water Bodies	Addagal Pond – 1.63 Kms(SE) Mandikal Pond – 2.05 Kms (N)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	1.010	
	b.	Waste Dumping Area	0.160	
	c.	Top Soil yard	--	
	d.	Mineral Storage Area	0.120	
	e.	Infrastructure Area	0.020	
	f.	Road Area	0.100	
	g.	Green Belt Area	0.300	
	h.	Unexplored area	0.620	
	i.	Others (Parpet walls, Settling tanks)	0.100	
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	25.525KLD
			Domestic	1.125 KLD
			Other	1.55 KLD
			Total	28.2 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 233rd meeting held on 31-10-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in 1999 for 05 years and as per the KMMCR amendments the lease period gets extended upto 2029.The proponent has stated that he has carried out the mining activity from 1999 to 2003 and no activities has been carried out since then till date. The total quantity mined between 1999 to 2003 is 950tons or 357cum as per audit report. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and joint inspection report in 2014 itself.

The lease granted earlier in the year 1999 was for mining Building stone and now this proposal is for mining Ornamental stone for which the DMG has approved.

As seen from the quarry plan there is a level difference of 55 meters and taking this into consideration and also the fact that he has been exempted from buffer zone in the common boundary on the one side of the lease and he has already mined 357cum the committee opined that 70% of the proposed gross quantity of 724200cum can be mined safely and scientifically within the lease period to a depth of 20meters. The proponent has stated that the recovery is 80% in the form of commercial blocks i.e.,347616cum and 20% waste, out of which 15% is building stone and 5% is the overall waste and the same has been reflected in approved mining plan.

As per the cluster sketch prepared by DMG there are 18 leases including this lease within the 500 meters radius from this lease and the leases for all these proposals were granted prior to 9-9-2013 and hence exempted from cluster effect. 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 of 340 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.1.0crore for a lease period to take up remediation works at rain devastated Chickmagalur Dist.

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.

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

233.52 Proposed Building Stone Quarry Project at Sy.No.13 of Ivagilu Village, Ramanagara Taluk, Ramanagara District (6-20 Acres) By M/s SLV Stone Crusher (SEIAA698MIN2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>M/s S. L. V. Stone Crusher
No-10/P2, Heggadagere Village,
Bidadi Hobali, Uragapura Post
Ramanagara Taluk & District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone Quarry (M-Sand)" of
M/s. S. L. V. Stone Crusher at Sy. No: 13,
Ivagilu Village, Ramanagara Taluk,
Ramanagara District, Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>
<table>
<tr><th>Boundary points</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>X</td><td>N 12^0 45' 14.8"</td><td>E 77^0 22' 02.2"</td></tr>
<tr><td>A</td><td>N 12^0 45' 21.5"</td><td>E 77^0 22' 01.0"</td></tr>
<tr><td>B</td><td>N 12^0 45' 17.7"</td><td>E 77^0 22' 01.6"</td></tr>
<tr><td>C</td><td>N 12^0 45' 18.0"</td><td>E 77^0 21' 59.0"</td></tr>
<tr><td>D</td><td>N 12^0 45' 19.8"</td><td>E 77^0 21' 59.0"</td></tr>
<tr><td>E</td><td>N 12^0 45' 20.2"</td><td>E 77^0 21' 52.3"</td></tr>
<tr><td>F</td><td>N 12^0 45' 24.7"</td><td>E 77^0 21' 52.7"</td></tr>
<tr><td>G</td><td>N 12^0 45' 25.3"</td><td>E 77^0 21' 47.7"</td></tr>
<tr><td>H</td><td>N 12^0 45' 25.3"</td><td>E 77^0 21' 55.2"</td></tr>
<tr><td>I</td><td>N 12^0 45' 21.8"</td><td>E 77^0 21' 55.1"</td></tr>
<tr><td>J</td><td>N 12^0 45' 21.9"</td><td>E 77^0 21' 55.9"</td></tr>
<tr><td>K</td><td>N 12^0 45' 20.9"</td><td>E 77^0 21' 56.6"</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone(M-Sand)Quarry</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
<tr><td>6</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government GomalaLand</td></tr>
</table>

7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		2.63Ha
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 (M-Sand) Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		782.04 MSL Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		2,46,824 TPA
14	Quantity of Topsoil/Over burden in cubic meter		21,965 Cu.m of topsoil available
15	Mineral Waste Handled (Metric Tons/ CUM)		5,037Tons/Annum
16	Project Cost (Rs. In Crores)		1.40crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Hulutar State Forest - 3.77 Kms (SW) Handigundi State Forest – 1.00 Kms (W)
	b.	Nearest Human Habitation	Ivagilu village - 0.45 kms (S)
	c.	Educational Institutes, Hospital	Ramanagara- 8.00 Kms (SW)
	d.	Water Bodies	Aladomaradadoddi Pond - 2.15 kms (SW) Uraghalli Pond – 2.10 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	5-00
	b.	Waste Dumping Area	--
	c.	Top Soil Storage Area	0-11
	d.	Mineral Storage Area	
	e.	Infrastructure Area	
	f.	Road Area	0-03
	g.	Green Belt Area/Buffer Zone	1-06
	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	10.25KLD
			Domestic	1.8 KLD
			Other	2.00KLD
			Total	14.05KLD
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 233rd meeting held on 31-10-2019 to provide clarification/additional information.

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 14-08-2019. The committee also noted that the lease area is situated at a distance of 4.81KM from the declared ESZ of Ramadevarabetta Vulture Sanctuary.

As seen from the quarry plan there is a level difference of 46 meters within the mining area and taking this into consideration, the committee opined that 75% of the proposed proved quantity of 2603831tons or 978885cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As per the extended combined sketch prepared by DMG there are 15 leases including this lease within 500 meter radius from this lease out of which 12 leases are exempted from cluster effect for the reason that their leases were granted prior to 9.9.2013 or EC were issued prior to 15.01.2016. The total area of remaining three leases being 10Acre 23Guntas and which is being less then 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.40.00 lakhs to take up rejuvenation of Ivaglu kere which is at a distance of 700meters 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.

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

233.53 Proposed Building Stone Quarry Project at Sy.Noa.354/1D & 345/2K of Annigeri Village, Annigeri Taluk, Dharwad District (5-09 Acres) By M/s KNR Constructions Ltd(SEIAA699MIN2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>Sri. J Anudeep,
PCO: M/s. KNR Construction Limited,
354, Koliwad Road,
Annigeri Taluk,
Dharwad District,
Karnataka.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone Quarry" of
M/s. KNR Construction Limited
Sy No. 354/2D & 354/2K,
Annigeri Village,
Annigeri Taluk,
Dharwad District,
Karnataka.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>
<table>
<tr><th>Corner Pillar</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>A</td><td>N 15° 23′ 24.58″</td><td>E 75° 25′ 15.27″</td></tr>
<tr><td>B</td><td>N 15° 23′ 24.51″</td><td>E 75° 25′ 17.96″</td></tr>
<tr><td>C</td><td>N 15° 23′ 24.35″</td><td>E 75° 25′ 21.21″</td></tr>
<tr><td>D</td><td>N 15° 23′ 28.02″</td><td>E 75° 25′ 21.75″</td></tr>
<tr><td>E</td><td>N 15° 23′ 28.31″</td><td>E 75° 25′ 18.80″</td></tr>
<tr><td>F</td><td>N 15° 23′ 28.64″</td><td>E 75° 25′ 15.54″</td></tr>
<tr><td colspan="3">WGS-WGS 84</td></tr>
</table>
</td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone</td></tr>
</table>

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		2.114Ha
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		605m Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		1,50,000 tonnes for first two years and 1,00,000 tonnes for last three years.
14	Quantity of Topsoil/Over burden in Tons		16,693Cu. M
15	Mineral Waste Handled (Metric Tons/ CUM)		6,316Tons/annum
16	Project Cost (Rs. In Crores)		1.02crores
17	Environmental Sensitivity		
	a.	Nearest Forest	No forest within 5 Kms
	b.	Nearest Human Habitation	Annigeri - 2.90 kms (NE)
	c.	Educational Institutes, Hospital	Annigeri – 4.44 kms (NE)
	d.	Water Bodies	Landi Halla - 1.62 (N) Yeran Halla - 2.72 (W)
	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	4-05
	b.	Waste Dumping Area	0-01
	c.	Top Soil Storage Area	

	d.	Mineral Storage Area	0-01	
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	1-01	
	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	10.90 KLD
			Domestic	1.00 KLD
			Other	0.80 KLD
			Total	12.70 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 233rd meeting held on 31-10-2019 to provide clarification/additional information.

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 07-08-2019.

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 65% of the proposed proved quantity of 1089693tons or 409659cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As per the extended combined sketch prepared by DMG there are 2 leases including this lease within 500 meter radius from this lease. The total area of these leases being 12Acre 9Guntas and which is being less then 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.15.00 lakhs to take up rejuvenation of Annigere kere which is at a distance of 4.2KM 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.

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

233.54 Proposed Building Stone Quarry Project at Sy.No.223 of Gundabala Village, Ankola Taluk, Uttara Kannada District (6-18 Acres) By M/s Ramachandra Laxman Nayak (SEIAA720MIN2019)

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th colspan="3">INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td colspan="3">Sri. Ramachandra Laxman Nayak
S/o Laxman Nayak,
M I G – 124, 6th Cross,
New K H B Colony, Habbuwada,
Karwar Taluk,
Uttar Kannada District, Karnataka – 561301.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td colspan="3">"Building Stone Quarry" of Sri. Ramachandra Laxman Nayak
Sy No. 223,
Gundabala Village,
Ankola Taluk,
Uttar Kannada District,
Karnataka</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td>Corner Pillar</td><td>Latitude</td><td>Longitude</td></tr>
<tr><td></td><td></td><td>A</td><td>14⁰ 36′ 37.90″</td><td>74⁰ 27′ 05.20″</td></tr>
<tr><td></td><td></td><td>B</td><td>14⁰ 36′ 39.40″</td><td>74⁰ 27′ 10.30″</td></tr>
<tr><td></td><td></td><td>C</td><td>14⁰ 36′ 33.80″</td><td>74⁰ 27′ 11.90″</td></tr>
<tr><td></td><td></td><td>D</td><td>14⁰ 36′ 32.10″</td><td>74⁰ 27′ 05.80″</td></tr>
<tr><td></td><td></td><td>E</td><td>14⁰ 36′ 33.40″</td><td>74⁰ 27′ 05.90″</td></tr>
<tr><td></td><td></td><td>F</td><td>14⁰ 36′ 35.30″</td><td>74⁰ 27′ 05.80″</td></tr>
<tr><td></td><td></td><td>G</td><td>14⁰ 36′ 35.50″</td><td>74⁰ 27′ 08.50″</td></tr>
<tr><td></td><td></td><td>H</td><td>14⁰ 36′ 37.30″</td><td>74⁰ 27′ 08.40″</td></tr>
<tr><td></td><td></td><td>I</td><td>14⁰ 36′ 36.70″</td><td>74⁰ 27′ 05.60″</td></tr>
</table>

			MAP DATUM –WGS 84 DATUM
4	Type of Mineral		**Building Stones**
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		2.61Ha
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		75 Mts
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		Building stone production of 84,615 tons per annum
14	Quantity of Topsoil/Over burden in cubic meter		There is Notopsoil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)		4,453Tons/annum
16	Project Cost (Rs. In Crores)		1.35crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Reserved Forest - 200m (N) Reserved Forest – 4.80 Kms (NW)
	b.	Nearest Human Habitation	Gundabala Village - 2.94 kms(N)
	c.	Educational Institutes, Hospital	Ankola - 17.50 kms(NW)
	d.	Water Bodies	Hire halla - 1.10 kms(W) Gangavalli river - 3.55 kms(NW)
	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	4-37	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area	0-02	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/Buffer Zone	1-15	
	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	9.88 KLD
			Domestic	1.91 KLD
			Other	1.21 KLD
			Total	13.0 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

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 31-07-2019.

As seen from the quarry plan there is a level difference of 36 meters within the mining area and taking this into consideration, the committee opined that 90% of the proposed proved quantity of 1859089tons or 706878cum can be mined safely and scientifically to a quarry pit depth of 20meters for a lease period.

As per the extended combined sketch prepared by DMG there are 2 leases including this lease within 500 meter radius from this lease. The total area of these leases being 7Acre 18Guntas and which is being less then the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. As per the records it is observed that 1meter depth of overburden soil and the proponent has stated

that he will handle the overburden soil tackling the lease area in phased manner by depositing the overburden soil generated in the tackled area on the untackled and buffer area and he has also given undertaking that he will protect the bund slopes.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 340meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.40.00 lakhs to take up remediation works in rain devastated uttarkannada dist.

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.

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

233.55 Proposed Ordinary Sand Quarry Project in Patta land at Sy.Nos.140/1B, 212/3 & 212/2B of Jalihala Village, BadamiTaluk, Bagalkote District (6-38 Acres) By Sri Vishwanath B Patil(SEIAA 05 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Vishwanath B Patil, S/o Basavaraj Patil Near Govt. Hospital, Holealur, Ron Taluk, Gadag.
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 6-38 Acres (2.812 Hectares) in Patta Land at Sy. No. 140/1B, 212/3 & 212/2Bof JalihalaVillage, Badami taluk, Bagalkote district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15^0 49′ 31.1″ to N 15^0 49′ 43.5″ Longitude:E75^0 45′ 38.7″ to E75^{0}45′ 39.4″
4	Type of Mineral	**Ordinary Sand 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		No
8	Area in Ha		2.812 Ha
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed		3.00m
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 ongoing/expansion/modification of mining proposals other than river sand		Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		52,500 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter		Topsoil 1.0m and Sand upto a depth of 3.0m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		1,071.4 TPA
16	Project Cost (Rs. In Crores)		1.82 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Belur Reserved Forest – 2.45 kms(NW)
	b.	Nearest Human Habitation	Jalihal – 1.12 Km N
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.
	d.	Water Bodies	SasaviHalla – 50 mts (N).
	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	4-33
	b.	Waste Dumping Area	--
	c.	Top Soil Storage Area	2-12 (Temporary)
	d.	Mineral Storage Area	--
	e.	Infrastructure Area	--
	f.	Road Area	--
	g.	Green Belt Area/Buffer Zone	2-05
	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	3.5 KLD
			Domestic	0.8 KLD
			Other	1.9 KLD
			Total	6.2 KLD
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	

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 215th meeting to provide clarification/additional information.

The Hon'ble NGT order dated: 13-9-2018, 11-12-2018 and OM dated: 12th December 2018 issued by MoEFF & CC, GoI was brought to the notice of the committee and read before the committee. In view of the above orders and the OM lot of pending files at the DEAC/DEIAA are being received at SEIAA. Hence the Authority directed the SEAC to appraise the proposals accordingly.

The OM dated: 12th December 2018 issued by MoEFF & CC, GoI was brought to the notice of the committee which says that the projects with an area above 5 hectares and within 25 hectares are tobe treated on par with B1 projects with EIA including public consultation which need to be appraised accordingly. The committee after due deliberation and discussion on the said OM opined that the OM is silent about the projects that are being dealt at the SEIAA level. The concluding part of the OM just states that the Notification issued on 15-1-2016 which deals with the formation of DEAC/DEIAA is kept in abeyance and whereas regarding the powers vested with the SEAC/SEIAA the OM being silent, the SEAC has construed that it is not limiting the powers vested with SEAC/SEIAA in the Notification dated:15-1-2016 and proceeded with the appraisal.

As stated by the proponent the application for this proposal was made out to the DEIAA on 14-08-2018 and the DEAC has not taken up the appraisal and in the meantime the

proponent has made out an application to the SEIAA for issual of EC in view of the change in policy decision.

This a sand mining proposal in patta land. As per the combined sketch there are two other leases within the 500 meter distance from this lease area the total area of mining of the all the three mining leases including mining involved in this proposal is 24 acres 22 guntas that is within the threshold limit of 25 hectares. The area of mining lease is 6 acres 38guntas .

The committee noted that the patta land wherein the mining is proposed is 60 meter away from the sasavehalla. The proponent stated that the dry weather flow of the sasavehalla is 531 meter and average top level of the sand block is 539 meters and depth of mining including top soil depth of 1.5 meter is 4.5 meter. Hence the bottom of the mined pit will be at 534.5 meters i.e 3.5 meter above dry weather flow of sasavehalla.

The proponent has proposed to take up mining subdividing the lease area into two sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and filling it in the mined block. The total quantity proposed to be mined over a period of two years is 63,030 cum or 1,04,000tons.

The stock yard is situated in Sy.No.140 which is adjacent to the lease area and proponent has stated that he has entered into an MOU with the owner of this land. The approach road to a length of400 meters running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners.

As seen from the approved mining plan and the land area reserved for mining and considering the depth of 3.0 meter the total quantity that can be mined comes to 62,000 cum.The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance.

The Authority perused the proposal and took note of the recommendation of SEAC in its 163rd meeting held on 25-1-2019.

The Authority while discussing observed that this project proposal is being considered by Authority as per directions of the MoEF, GoI issued vide O.M dated:12-12-2018. As per this direction all the individual leases and clusters having total lease area of 5 to 25 Ha also have to be appraised as B1 category activity. While going through the proceedings of the SEAC, the Authority observed that the total lease area in this cluster is 24 acres 22 guntas which is more than 5 Ha threshold limit. The Authority therefore opined that this proposal has to be B1 category project/activity.

The Authority after discussion decided to refer the file back to SEAC to undertake screening, scoping, public consultation and appraisal of the proposal strictly in accordance

with law and in the spirit of the orders of the Hon'ble NGT dated:4th September 2018, 13th September 2018 and the O.M dated:12-12-2018 issued by MoEF & CC, Govt of India and sending recommendation deemed fit based on merit.

The proposal was placed in the 217th meeting held on 2-3-2019 for further appraisal.

The proponent remained absent. The committee after discussion decided to give final opportunity and deferred the proposal.

The proponent was invited for the 220th meeting held on 10-4-2019 to provide required information. The Proponent and Environment Consultant attended the meeting 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 proponent has stated that he has started collecting pre-monsoon data from March 2019 and requested the committee to utilize the same data for EIA preparation for which the committee agreed with the same.

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 ToR.

1. Details for approach road, dumping yard and stock yard may be furnished.

The proponent and Environment consultant attended the 233rd meeting held on 31-10-2019 to provide clarification/additional information.

This is a proposal for which application for obtaining EC filed during Jan 2019. At that point of time this proposal was categorized under B1 since the combined area of three leases that were existing was more then the threshold limit of 5Ha and recommended to SEIAA to issue ToRs and subsequently ToRs were also issued. In the mean time proponent made out request application to SEIAA to categorise his proposal under B2 based on the reason that the two other leases existing earlier within 500meter radius from this lease were exhausted as certified by the DMG in the form of latest cluster sketch in which earlier two leases were deleted from the cluster and taking this request into consideration reffered back the file to SEAC to go ahead with the appraisal taking into consideration the changed circumstances. Committee after discussion and deliberation decided to categorise this proposal under B2 category since the area is within the threshold limit of 5Ha and proceeded with the appraisal accordingly.

The committee noted that this is a fresh sand quarry lease in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Departments and land conversion order and also he has stated that the quarry plan has also been got approved from the DMG. The project is located at a distance of 60 meters from Sasivehalla. The average top level of the sand block is 540 meters and dry weather flow(bed level) of the river

is 531meters. The depth of mining is 4.5 meters including 1.5meter of top soil and the proponent has stated that he will take up mining subdividing the mining block into two sub blocks and taking up mining in each block every year. Taking this into consideration the 90% of the proposed quantity of 63030cum or 104000 tons for lease period can be mined safely and scientifically.

The proponent has also stated that he will build a cart track road to a length of 400 meters joining the lease area to all weather road in the private patta lands for which an MOU with the land owner has already been obtained. The proponent has also stated that he will establish a stock yard on a private land for which also MOU with the land owners has been obtained. The proponent has stated that there are no eco-sensitive zone within the radius of 10 KM from the boundary of lease area.

As far as CER is concerned the proponent has stated that he has earmarked Rs.5.00 lakhs to take up works in connection with recharging of nearby community borewells.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance with the following conditions:

1. The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.

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

233.56 Proposed Commercial/Residential Apartment at Sy.No.38, Khata No.3255, Pattaduru Agrahara Village, K.R Puram Hobli, Bangalore by Sri. C.R Guruprasath(SEIAA 66 CON 2019)

Sl. No		PARTICULARS	INFORMATION
1		Name & Address of the Project Proponent	C R Guruprasath #24, Dwaraka Mai, Agara Main Road, Babusa Palaya, Horamavu Agara, Bangalore-560043
2		Name & Location of the Project	Proposed Commercial/Residential Apartment C R GuruprasathSy No. 38, Khata No. 3255, Pattaduru Agrahara Village, K R Puram Hobli, Bangalore .
3		Co-ordinates of the Project Site	Longitude: 77°45'22.77"E Latitude: 12°58'54.88"N
4		Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Nallurahalli lake- 2.15 kms (SW)

	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 is no lake within 75 meter from the site boundary.
5		Type of Development	
	a.	Residential group housing/ Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial/ResidentialApartment
	b.	Residential Township/ Area Development Projects	No
6		Plot Area (Sqm)	The Net site area is 9429.62 sq.m.
7		Built Up area (Sqm)	The Gross BUA is 43,615.01 sq.m.
8		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Commercial/Residential Apartment project comprising of 1 building having 2 Basement + Ground Floor + 12 Upper Floors + Terrace Floor with total of 257 units. The total Net site area is 10,117.05 sq.m. Road Widening Area is 687.43 sq.m. Net site area is 9429.62 sq.m. The Gross BUA is 43,615.01 sq.m..
9		Number of units in case of Construction Projects	Total Number of Units is 257Nos.
10		Number of Plots in case of Residential Township/ Area Development Projects	-
11		Project Cost (Rs. In Crores)	90Crores
12		Recreational Area in case of Residential Projects / Townships	Playground area - 210.12sq.m. And Senior Citizen allocated area - 188.62 Sq.m. Park area =265.51Sq.m. Cycling Area= 312.65 Sq.m (10.36% of Net plot area);
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	2,617.36 sq.m (27.76 %)
	b.	Kharab Land	Nil
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3,753.94 sq.m (39.81 %)
	d.	Internal Roads	3,058.32 (32.43 %)
	e.	Paved area	-
	f.	Others Specify	-

	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Total	9429.62sq.m.	
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)	79,858.15 cu.m.	
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	79,858.15 cu.m.	
	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	67.69
			Recycled	72.94+84.23=157.17
			Total	224.86
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	213.62 KLD	
	d.	STP capacity	250 KLD	
	e.	Technology employed for Treatment	SBR Technology	
	f.	Scheme of disposal of excess	No Disposal. The treated water will be reused for	

		treated water if any	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	650 cu.m.
	b.	No's of Ground water recharge pits	36 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 = 129 Nos. Per capita of waste generated = 0.4 kg/day 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	366 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	244kg/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	1300 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 1300 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	•Energy saved by using Solar water Heater : 75,000 kWH/ Year.....(a) • Solar Power Generation : In non-monsoon season 200kWH x 30 x 8 Months = 48,000kWH

			• In monsoon season 100kWH x 30 x 4 Months = 12,000 kWH • Total SPV Power Generation in a year = 0.60 L kWH / Annum.....(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.75 + 0.6 L KWH = 1.35 L / Annum .....(c) • Total energy savings = 26.4%
20		PARKING	
	a.	Parking Requirement as per norms	One car spacing for 1 units as the floor area is between 50 sq.m. to 225 sq.m = 257+10% visitors Parking required is 257+26cars= 283 Nos Commercial & Club House Parking= 58 Total car Parking required as per NBC= 341 Parking Provided is 341Ecs which is as Per NBC and MoEF Norms
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Panathur Main Road-LOS - B
	c.	Internal Road width (RoW)	8m

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 223rd meeting held on 28-5-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted from the village survey map that there are no water bodies either in the form of lake or natural nalas which attract buffer as per norms. As far as CER is concerned the proponent stated that he will earmark Rs.20 Lakhs towards Rejuvenation of nearby water body or other Environmental protection works.

The committee after discussion decided to recall after submission of following information.

1. The original documents of khata certificate and other documents in the name of the proponent.
2. The proponent to submit the BWSSB NOC for utilization of water.
3. The proponent to clarify and submit the documents pertaining to road width with height of the building.

In response to the earlier proceedings the proponent and consultant attended the meeting on 31.10.2019 and clarified as below for the quarries raised thereon.

1) As far as the land records discrepencies concerned he stated that this proponent whose name was P C Gurubharan has changed his name as C R Guruprasath and same has been advertised in news paper and affidavit sworn before the notary in this regard is also been submitted. Now the proponent is reiterated that his present name is C R Guruprasath and issue of EC in the name of M/s SV Infra Holdings Ltd who are developers as he has given GPA of the land in favour of M/s SV Infra Holdings Ltd.
2) He has also submitted demand note raised by BWSSB to supply water.
3) He has also stated that the road is being 25m in front of his site and as per the Zonal Regulation the height of the building being 44.95meter is permitted.

In addition to above the proponent has stated that he has effected certain changes in the configuration of the building by which the BUA gets increased from 43615 to 45792.23 Sqm and decrese of 1 unit and the same has been submitted to authority.

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.

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

233.57 Proposed Building Stone Quarry Project at Sy.No.19(P) of Buklorahalli Village, Challakere Taluk, Chitradurga District (9-00 Acres) By Sri N. Satish (SEIAA 186 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri N Satish S/O Late K. Nagaraj Satish Nilaya, Gandhinagar, Challakere- 577522 Chitradurga District, Karnataka.
2	Name & Location of the Project	Buklorahalli Village, Challakere Taluk Chitradurga District, Karnataka

3	Co-ordinates of the Project Site	Corner Pillar No.	Latitude	Longitude	
		A	N 14°34'32.9"	E 76°39'03.4"	
		B	N 14°34'30.9"	E 76°39'05.0"	
		C	N 14°34'22.5"	E 76°38'59.5"	
		D	N 14°34'26.9"	E 76°38'56.2"	
4	Type of Mineral	Building Stone.			
5	New / Expansion / Modification / Renewal	Expansion.			
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Govt Land.			
7	Whether the project site fall within ESZ/ESA	No			
8	Area in Ha	3.64 Ha Sy No:19(p)			
9	Actual Depth of building stone in the lease area /Patta Land building stone	Depth of building stone in Govt land -25mt(from top level).			
10	Depth of building stone proposed to be removed	Depth of building stone proposed-15mt			
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Max 401297 Mt/ Annum , Min 125000 Tons			
12	Quantity of Topsoil/Over burden in cubic meter	Waste-Average 11864 TPA			
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil			
14	Project Cost (Rs. In Crores)	90 Lakh			
15	Environmental Sensitivity				
	a. Nearest Forest	Mallurhalli State forest-2.5km			
	b. Nearest Human Habitation	Buklorahalli-2.10 km			
	c. Educational Institutes, Hospital	Challakere-32km			
	d. Water Bodies	Bommangondana kere -3.00km			
	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	7-14	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	0-02	
	g.	Green Belt Area	--	
	h.	Others Specify Safety Zone	1-24	
		Total	9.0 Acre (3.64Ha)	
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	10.0
			Domestic	1.5
			Other	1.0
			Total	12.5
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 224th meeting held on 13-6-2019 to provide clarification/additional information.

The committee noted that this is a operating quarry for which EC was issued on 26-5-2017. The proponent has not submitted the EC compliance, Hence the committee decided to defer.

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 233rd meeting held on 31-10-2019 to provide clarification/additional information.

In response to earlier proceedings the proponent and consultant attend the meeting held on 31.10.2019. Proponent has stated that even after filing compliance to MoEF regional office two months back no action has been taken from MoEF regional office. Since the material mined from this lease is proposed to be used for upgradation of NH 150A i.e from Byrapur to Challakere, the proponent has stated that he has approached KSPCB to issue certified compliance to earlier EC since this is connected with public works and which is suffering for want of material and KSPCB heeding his request issued certified

compliance and committee after due discussion and deliberation decided to proceed with the appraisal.

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 02-05-2017 and EC for the same was issued on 26.05.2017 and proponent has stated that he has carried out the mining only during 2018-19 to an extent of 125000tons which was the permitted quantity per annum in the earlier EC.

As seen from the quarry plan there is a level difference of 13 meters within the mining area and taking this into consideration and also the fact that he has alredy mined 125000tons , the committee opined that the proposed quantity of 1186380tons or 433319 cum can be mined safely and scientifically to a quarry pit depth of 20meters for a plan period of further 4 years excluding 125000 tons alredy mined during 2018-19.

As per the extended combined sketch prepared by DMG there are no other leases within 500 meter radius from this lease. The total area of this lease being less then the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1000meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.25.00 lakhs to take up rejuvenation of Bommagondana Kere which is at a distance of 3.0 KM. 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.

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

233.58 Proposed Building Stone Quarry Project at Sy.No.27 of Sulthanpur Village, Koppal Taluk & District (1-00 Acre) By M/s. Sai Mahalakshmi Stone Crusher (SEIAA 473 MIN 2019)

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 228th meeting held on 8-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, 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 government land. The proponent has stated that he has obtained NOCs from Forest and Revenue Department.

As per the extended combined sketch prepared by the DMG there are seven leases including this, the total area of which works out to 13Acres 5 guntas out of which four leases with a combined area of 10 Acres 5 guntas were issued EC on 8-12-2015 i.e. prior to 15-1-2016 and based on this proponent has claimed exemption from cluster effect and the other three leases whose combined area is 3 Acres which being less than the threshold limit of 5 Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

Further, as seen from the quarry plan the mandated buffer zone has not been left all round the lease area for which the proponent has stated that he will come back after getting rectified mining plan. Hence committee decided to defer the subject.

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>M/s Sai Mahalakshmi Stone Crusher,
K. Lakshmiprasad Rao,
Kerehalli,
Koppal Taluk & District.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone Quarry" Sy. No. 27) Sulthanpur Village,
Koppal Taluk & District.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th colspan="3">Datum – wgs84</th></tr><tr><td>Pillar</td><td>Latitude</td><td>Longitude</td></tr><tr><td>A</td><td>15° 22' 55.1"</td><td>76° 19' 40.1"</td></tr><tr><td>B</td><td>15° 22' 56.7"</td><td>76° 19' 44.5"</td></tr><tr><td>C</td><td>15° 22' 55.8"</td><td>76° 19' 44.5"</td></tr><tr><td>D</td><td>15° 22' 54.4"</td><td>76° 19' 40.4"</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone</td></tr>
<tr><td>5</td><td>New / Expansion / Modification / Renewal</td><td>New</td></tr>
</table>

6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Govt.Land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		0.404 Ha (1.00 Acres)
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sandmining guideline 2016		NA/ Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA / New quarry
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		20,000 Tonnes per annum salable Building Stone Quarry
14	Quantity of Topsoil/Over burden in cubic meter		Nil
15	Mineral WasteHandled (Metric Tons/ CUM)		408 Tons/Annum
16	Project Cost (Rs. In Crores)		20 lakhs
17	Environmental Sensitivity		
	a.	Nearest Forest	None within 5 Km radius
	b.	Nearest Human Habitation	Nageshanahalli Village - 1.20 Kms (NE)
	c.	Educational Institutes, Hospital	Hospet - 13.80 Kms
	d.	Water Bodies	Kerehalli Village Surface water body - 2.00 Km (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	0.202
	b.	Waste Dumping Area	--

	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0.010	
	g.	Green Belt Area/Buffer Zone	0.186	
	h.	Unexplored area	0.006	
	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 and Plantation	3.5 KLD
			Domestic	0.5 KLD
			Total	4.0 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

In response to the earlier proceedings the proponent and consultant attended the meeting on 31.10.2019 and clarified as below for the quarries raised thereon.

Now he has come up with the revised land use plan according to which the total area available for mining is 0.498Acres leaving apart buffer zone and other utilities. As per the mining plan the level difference within the mining area is 20meters and taking this into consideration the proposed quantity of 109000tons or 37456cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 300meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.00 lakhs to take up rejuvenation of Kerehalli Kere which is at a distance of 2.0 KM. 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.

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

233.59 Proposed Building Stone Quarry Project at Sy.No.27 of Sulthanpur Village, Koppal Taluk & District (1-00 Acre) By M/s. Kanakasri Stone Crusher(SEIAA 475 MIN 2019)

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 228th meeting held on 8-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. As seen from the quarry plan the mandated buffer zone has not been left all round the lease area for which the proponent has stated that he will come back after getting rectified mining plan. Hence committee decided to defer the subject.

<table>
<tr><th>Sl. No</th><th>PARTICULARS</th><th>INFORMATION</th></tr>
<tr><td>1</td><td>Name & Address of the Project Proponent</td><td>M/s Kanaksri Stone Crusher,
Jeevan Shetty,
Vivek Nilaya,
Behind Marishantvir Kalyanamantapa,
Koppal – 583 231.</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>"Building Stone Quarry" Sy. No. 27)
Sulthanpur Village,
Koppal Taluk & District.</td></tr>
<tr><td>3</td><td>Co-ordinates of the Project Site</td><td><table><tr><th colspan="3">Datum – wgs84</th></tr><tr><th>Pillar</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>15° 22′ 54.4″</td><td>76° 19′ 40.4″</td></tr><tr><td>B</td><td>15° 22′ 55.8″</td><td>76° 19′ 44.6″</td></tr><tr><td>C</td><td>15° 22′ 54.2″</td><td>76° 19′ 44.5″</td></tr><tr><td>D</td><td>15° 22′ 53.5″</td><td>76° 19′ 40.8″</td></tr></table></td></tr>
<tr><td>4</td><td>Type of Mineral</td><td>Building Stone</td></tr>
</table>

5	New / Expansion / Modification / Renewal		New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Govt.Land
7	Whether the project site fall within ESZ/ESA		No
8	Area in Ha		0.404 Ha (1.00 Acres)
9	Actual Depth of sand in the lease area in case of River sand		NA
10	Depth of Sand proposed to be removed		NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sandmining guideline 2016		NA/ Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		NA / New quarry
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		20,000 Tonnes per annum salable Building Stone Quarry
14	Quantity of Topsoil/Over burden in cubic meter		Nil
15	Mineral WasteHandled (Metric Tons/ CUM)		408 Tons/Annum
16	Project Cost (Rs. In Crores)		20 lakhs
17	Environmental Sensitivity		
	a.	Nearest Forest	None within 5 Km radius
	b.	Nearest Human Habitation	Nageshanahalli Village – 1.20 Kms (NE)
	c.	Educational Institutes, Hospital	Hospet – 13.80 Kms
	d.	Water Bodies	Kerehalli Village Surface water body – 2.00 Km (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	0.204	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0.010	
	g.	Green Belt Area/Buffer Zone	0.175	
	h.	Unexplored area	0.015	
	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 and Plantation	3.5 KLD
			Domestic	0.5 KLD
			Total	4.0 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

In response to the earlier proceedings the proponent and consultant attended the meeting on 31.10.2019 and clarified as below for the quarries raised thereon.

Now he has come up with the revised landuse plan according to which the total area available for mining is 0.504Acres leaving apart buffer zone and other utilities. As per the mining plan the level difference within the mining area is 17meters and taking this into consideration the proposed quantity of 100020tons or 37460cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 300meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.00 lakhs to take up rejuvenation of Kerehalli Kere which is at a distance of 2.0 KM. 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.

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

233.60 Proposed Building Stone Quarry Project at Sy.No.27 of Sulthanpur Village, Koppal Taluk & District (1-00 Acre) By M/s. Sai Vinayaka Stone Crusher(SEIAA 477 MIN 2019)

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 228th meeting held on 8-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. As seen from the quarry plan the mandated buffer zone has not been left all round the lease area for which the proponent has stated that he will come back after getting rectified mining plan. Hence committee decided to defer the subject.

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Sai Vinayaka Stone Crusher, A.Honnurappa, Sri Anjalidevi nilaya, Arvindanagar, 22nd Ward, Hospet- 583 201.
2	Name & Location of the Project	"Building Stone Quarry" Sy. No. 27) Sulthanpur Village, Koppal Taluk & District.

3	Co-ordinates of the Project Site	Datum – wgs84 Pillar / Latitude / Longitude A: 15° 22′ 56.2″ / 76° 19′ 39.9″ B: 15° 22′ 57.6″ / 76° 19′ 44.4″ C: 15° 22′ 56.7″ / 76° 19′ 44.5″ D: 15° 22′ 55.1″ / 76° 19′ 40.1″
4	Type of Mineral	**Building Stone**
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Govt.Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.404 Ha (1.00 Acres)
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sandmining guideline 2016	NA/ Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA / New quarry
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	20,000 Tonnes per annum salable Building Stone Quarry
14	Quantity of Topsoil/Over burden in cubic meter	Nil
15	Mineral WasteHandled (Metric Tons/ CUM)	408 Tons/Annum
16	Project Cost (Rs. In Crores)	20 lakhs
17	Environmental Sensitivity	
	a. Nearest Forest	None within 5 Km radius
	b. Nearest Human Habitation	Nageshanahalli Village – 1.20 Kms (NE)

	c.	Educational Institutes, Hospital	Hospet – 13.80 Kms	
	d.	Water Bodies	Kerehalli Village Surface water body – 2.00 Km (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	0.198	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0.010	
	g.	Green Belt Area/Buffer Zone	0.180	
	h.	Unexplored area	0.016	
	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 and Plantation	3.5 KLD
			Domestic	0.5 KLD
			Total	4.0 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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

In response to the earlier proceedings the proponent and consultant attended the meeting on 31.10.2019 and clarified as below for the quarries raised thereon.

Now he has come up with the revised landuse plan according to which the total area available for mining is 0.489Acres leaving apart buffer zone and other utilities. As per the mining plan the level difference within the mining area is 23meters and taking this into consideration the proposed quantity of 100017tons or 37459cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 300meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.00 lakhs to take up rejuvenation of Kerehalli Kere which is at a distance of 2.0 KM. 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.

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

Secretary SEAC
Karnataka

Chairman, SEAC,
Karnataka.