

M.S. SEI 198  
SM  
10/12/19

Proceedings of the 235<sup>th</sup> SEAC Meeting held on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> December 2019

2<sup>nd</sup> December 2019

Members present in the meeting:

Shri. N. Naganna	-	Chairman
Dr. B. Chikkappaiah, IFS(R)	-	Member
Dr. N. Krishnamurthy	-	Member
Dr. K. B. Umesh	-	Member
Shri M. Srinivasa	-	Member
Sri G. T. Chandrashekrappa	-	Member
Shri J. G. Kaveriappa	-	Member
Dr. Vinod Kumar C.S	-	Member
Shri D. Raju	-	Member
Shri Venugopal.V	-	Member
Shri. Vyshak V. Anand	-	Member
Shri Md. Saleem I Shaikh	-	Member
Dr. Venkatesan IFS	-	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 235<sup>th</sup> SEAC meeting. The following proposals listed in the agenda were appraised in accordance with the provisions of EIA Notification 2006. The MoEF Notification Dated: 1st July 2016, NGT orders Dated: 13-1-2015, 13-9-2018, 11-12-2018 and the O.M Dated: 12-12-2018 pertaining to mining of minerals were brought to the notice and read before the committee and also brought to the notice of the committee that all the mining projects need to be appraised in light of above mentioned NGT orders, Notification and OM issued by MoEF & CC, GoI. The supreme court 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 234<sup>th</sup> SEAC meeting held on 12<sup>th</sup>, 13<sup>th</sup> and 14<sup>th</sup> November 2019.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 234<sup>th</sup> SEAC meeting held on 12<sup>th</sup>, 13<sup>th</sup> and 14<sup>th</sup> November 2019 and confirmed the same.



**2<sup>nd</sup> December 2019**  
**10:15 AM to 1:30PM**

**EIA Projects:**

**235.1 Proposed Construction of Coastal Berth at Old Mangalore Port, Mangalore and Capital Dredging at Old Mangalore Port Mangalore by The Executive Engineer, Ports and Fisheries Division, Udupi(SEIAA 12 IND 2019**

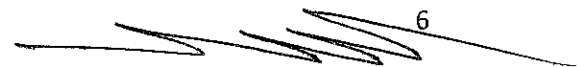
Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Executive Engineer, Port and Fisheries Division, Udupi.
2	Name & Location of the Project	Bengre Village, Manalore Taluk, Dakshina kannada District, Karnataka State.
3	Co-ordinates of the Project Site	Project Boundary - ABCDEFGH
		A    12.856750                      74.827778
		B    12.860186                      74.826197
		C    12.860000                      74.825778
		D    12.858028                      74.826722
		E    12.857778                      74.826778
		F    12.857639                      74.825694
		G    12.857167                      74.825639
		H    12.857222                      74.826250
I    12.856472                      74.826500		
4	Environmental Sensitivity	
	a. Distance From nearest Lake/ River/Nala	Being a Water Front Based Facility (Port) Located on Western Shore of Phalguni River (Gurupur River)
	b. Distance from Protected area notified under wildlife protection act	Not Applicable
	c. Distance from the interstate boundary	12 KM away from Karnataka-Kerala Boundary
	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	7(e) Ports Harbours		
6	New/ Expansion/ Modification/ Product mix change	Expansion of Existing Port Facilities		
7	Plot area (Sqm)	34,537 Sqm. (8.63 Acre)		
8	Built Up area (Sqm)	a	Berth- 351.60 M	3,691.80 Sqm.
		b	Godowns- 2 No's	881.80 Sqm.
		c	Passenger Lounge	492.31 Sqm.
		d	Toilet Block	48.76 Sqm.
		e	OH Tank-1L litre	31.92 Sqm.
			Total Built-up Area	5,146.59 Sqm.
9	Components of developments	a	Coastal Berth- 351.60 M x 10.50 M.	
		b	Godowns- 2 No's - 40.45 M x 10.90 M Each	
		c	Passenger Lounge - 34.07 M x 14.45 M.	
		d	Toilet Block - 10.60 M x 4.60 M.	
		e	OH Tank-1L litre Capacity - 5.65M x 5.65 M.	
		f	Boundary Wall - 770 M x 2.10 M Height	
		g	Approach Road - 400M x 12 M Wide	
		h	Hard Surfacing - 350 M x 38.50 M Wide	
10	Project cost (Rs. In Crores)	Rs. 65.00 Crores		
11	Details of Land Use (Sqm)			
	a.	Ground Coverage Area	5,146.59 Sqm.	
	b.	Kharab Land	-	
	c.	Internal Road	1,200.00 Sqm.	
	d.	Paved area	12,541.78 Sqm.	
	e.	Parking	8,302.13 Sqm.	
	f.	Green belt	7,000.00 Sqm.	

	g.	Others Specify	346.50 Sqm.	Boundary Wall
	h.	Total	34,537.00 Sqm.	(8.63 Acre)
12		Products & By-Products with qty (enclose as Annexure if necessary)	No Production inside Port Premises. Only Handling (Import & Export) of Cargoes.	
13		Raw material with qty & source (enclose as Annexure if necessary)	It's a Infrastructure Development Project. No Production using Raw Materials. Only Handling of Cargoes Inside Port Premises.	
			Raw Materials for Construction Phase :	
	A	Course Aggregates	33,280 MT	
	B	Fine Aggregates	14,820 MT	
	C	Cement	2,020 MT	
	D	Murrum/Gravel	53,840 MT	
14		Mode of transportation of Raw material and storage facility	Not Applicable	
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	Not Applicable	
17		Complete process flow diagram and technology employed	Not Applicable	
18		Details of Plant and Machinery with capacity/Technology used	Not Applicable	
19		Details of VOC emission and control measures wherever applicable	Not Applicable	
20		WATER		
	I.	Construction Phase		
	a.	Source of water	Open Well	
	b.	Quantity of water for construction in KLD	5410 KL	
	c.	Quantity of water for Domestic Purpose in KLD	20 KLD	

	d.	Waste water generation in KLD	10 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	--	
	II.	Operational Phase		
	a.	Source of water	Open Well	
	b.	Total Requirement of Water in KLD	Fresh	20 KLD
			Recycled	-
			Total	20 KLD
	c.	Requirement of water for industrial purpose/ production in KLD	Fresh	-
			Recycled	-
			Total	-
	d.	Requirement of water for domestic purpose in KLD	Fresh	20 KLD
			Recycled	-
			Total	20 KLD
	e.	Waste water generation in KLD	Industrial effluent	-
			Domestic sewage	10 KLD
			Total	10 KLD
	f.	ETP/STP capacity	Septic Tank of 35 KL Capacity	
	g.	Technology employed for Treatment	Not Applicable	
	h.	Scheme of disposal of excess treated water if any	Not Applicable	
21		Infrastructure for Rain Water harvesting	Collection in Pit through open Drains from Raindown Pipes	
22		Storm water management plan	Through Open Drains to River	
23		Air Pollution		
	a.	Sources of Air pollution	-	
	b.	Composition of Emissions	-	
	c.	Air pollution control measure proposed and technology employed	Not Applicable	
24		Noise Pollution		
	a.	Sources of Noise pollution	-	

	b.	Expected levels of Noise pollution in dB	-	
	c.	Noise pollution control measures proposed	Not Applicable	
25	WASTE MANAGEMENT			
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable	NA
			Non-Biodegradable	NA
	b.	Quantity of Hazardous waste generation with source and mode of Disposal as per norms	Not Applicable	
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	Not Applicable	
26	Risk Assessment and disaster management		Not Applicable	
27	POWER			
	a.	Total Power Requirement in the Operational Phase with source	20 KVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	20 KVA	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Diesel for DG Sets	
	d.	Energy conservation plan and Percentage of saving including plan for utilization of solar energy as per ECBC 2007	Not Applicable	
28	PARKING			
	a.	Parking Requirement as per norms	7000 Sqm.	



	b.	Internal Road width (Row)	12 Meter with Median
29		Any other information specific to the project (Specify)	It's a Port Infrastructure Development Project, for Handling of Cargoes Inside Port Premises. With No Production using Raw Materials.

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 220<sup>th</sup> meeting held on 9-4-2019 to provide required clarification/additional information. The committee noted that there are two proposals in connection with old Mangalore port the one being construction of coastal berth and the other being capital dredging for which the proponent has stated that the project has been technically sanctioned in two parts and Govt. of India has approved these two parts under Sagarmala Scheme and further requested that two separate ECs are required in view of the above facts.

However, the committee after discussion/deliberation decided to conduct site inspection for assessing the ground realities of the project and to issue any additional ToRs only after site inspection which has been scheduled on 20<sup>th</sup>& 21<sup>st</sup> April 2019.

Accordingly the SEAC team has visited the project site on 20-4-2019. Site visit report was placed before the committee for deliberation and committee approved the report.

As regard the request made by the proponent about the adoption of data that is being collected, the committee accepted to permit him to utilize the same for conducting EIA studies.

The committee after discussion decided to forward the proposal to SEIAA for issue of standard ToRs and following site specific additional ToRs to conduct the EIA studies in accordance with the EIA Notification 2006, by utilizing the baseline data.

- 1) The characteristics of underground water in the two islands within the Gurupur river may be analysed separately.
- 2) Compliance to earlier EC may be detailed and submitted.
- 3) The proponent to explore the possibilities of providing mobile STP/Chemical toilet instead of septic tank and soak pit during construction.
- 4) The detailed study made to identify the dumping spot may be furnished.
- 5) Details of flora and fauna both marine and terrestrial along with any endangered species noticed may be detailed and submitted.
- 6) CRZ clearance from the competent authority to be obtained and submitted.

Accordingly ToRs were issued on 02.07.2019. The proponent has submitted the EIA report on 26-11-2019 and the same was placed before the committee for EIA appraisal.


The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 02-12-2019 to provide clarification/additional information.

During appraisal committee noticed that the compliance to the ToRs are not in chronological order and also there are many lacunae in the report for which the proponent and consultant have agreed to come back after rectifying the same. 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.**

**235.2 Capital Dredging project at Old Mangalore Port(Bengre side) of Bengre village,Dakshin Kannada Dist. by The Executive Engineer, Ports & Fisheries Dept, Udupi (SEIAA 11 IND 2019)**

Sl. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	Executive Engineer, Port and Fisheries Division, Udupi.	
2	Name & Location of the Project	Bengre Village, Manalore Taluk, Dakshina kannada District, Karnataka State.	
3	Co-ordinates of the Project Site	<b>Dredging Channel Strip - 1 to 16</b>	
		1	12.844799 74.814761
		2	12.845704 74.814761
		3	12.844719 74.829507
		4	12.845623 74.829507
		5	12.846800 74.831256
		6	12.846799 74.830335
		7	12.852226 74.831529
		8	12.852225 74.830607
		9	12.855843 74.831803
		10	12.855843 74.830881
		11	12.858556 74.832170
		12	12.858556 74.831248
		13	12.862625 74.831338
		14	12.862624 74.830416
		15	12.866694 74.830413
		16	12.866693 74.829492

 8



4	<b>Environmental Sensitivity</b>		
	a.	Distance From nearest Lake/ River/Nala	Dredging of Navigation Channel (Port) Located in Commercial Navigation Channel in Phalguni River (Gurupur River)
	b.	Distance from Protected area notified under wildlife protection act	Not Applicable
	c.	Distance from the interstate boundary	12 KM away from Karnataka-Kerala Boundary
	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		7(e) Ports Harbours
6	New/ Expansion/ Modification/ Product mix change		Deepening of Existing Commercial Navigation Channel of Old Mangalore Port.
7	Plot area (Sqm)		3,04,000 Sqm.
8	Built Up area (Sqm)		Dredging of Commercial Navigation Channel in Phalguni River (Gurupur River) for a Length of 3,800 M and Width of 80M to a depth of - 7.00M
9	Components of developments		Deepening of Existing Commercial Navigation Channel of Old Mangalore Port.
10	Project cost (Rs. In Crores)		Rs. 29.00 Crores
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	-
	b.	Kharab Land	-
	c.	Internal Road	-
	d.	Paved area	-
	e.	Parking	-
	f.	Green belt	-
	g.	Others Specify	3,04,000 Sqm. Dredging
	h.	<b>Total</b>	<b>3,04,000 Sqm.</b>

12	Products & By-Products with qty (enclose as Annexure if necessary)	No Production inside Port Premises. Only Deepening of Existing Commercial Navigation Channel of Old Mangalore Port.
13	Raw material with qty & source (enclose as Annexure if necessary)	It's a Infrastructure Development Project. No Production using Raw Materials. Only Deepening of Existing Commercial Navigation Channel of Old Mangalore Port.
14	Mode of transportation of Raw material and storage facility	Not Applicable
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	Not Applicable
17	Complete process flow diagram and technology employed	Not Applicable
18	Details of Plant and Machinery with capacity/Technology used	Dredger of Capacity 3000 Cum/Day Barges of Capacity upto 500 Cum
19	Details of VOC emission and control measures wherever applicable	Not Applicable
20	WATER	
	<b>I. Construction Phase</b>	
	a. Source of water	Open Well
	b. Quantity of water for construction in KLD	-
	c. Quantity of water for Domestic Purpose in KLD	6 KLD
	d. Waste water generation in KLD	3 KLD

	e.	Treatment facility proposed and scheme of disposal of treated water	Septic Tank and Soak Pit	
	<b>II.</b>	<b>Operational Phase</b>		
	a.	Source of water	Not Applicable	
	b.	Total Requirement of Water in KLD	Fresh	-
			Recycled	-
			<b>Total</b>	<b>-</b>
	c.	Requirement of water for industrial purpose/ production in KLD	Fresh	-
			Recycled	-
			<b>Total</b>	<b>-</b>
	d.	Requirement of water for domestic purpose in KLD	Fresh	-
			Recycled	-
			<b>Total</b>	<b>-</b>
	e.	Waste water generation in KLD	Industrial effluent	-
			Domestic sewage	-
			<b>Total</b>	<b>-</b>
	f.	ETP/STP capacity	Not Applicable	
	g.	Technology employed for Treatment	Not Applicable	
	h.	Scheme of disposal of excess treated water if any	Not Applicable	
21	Infrastructure for Rain Water harvesting		Not Applicable	
22	Storm water management plan		Not Applicable	
23	Air Pollution			
	a.	Sources of Air pollution	-	
	b.	Composition of Emissions	-	
	c.	Air pollution control measure proposed and technology employed	Not Applicable	
24	Noise Pollution			
	a.	Sources of Noise pollution	-	
	b.	Expected levels of Noise pollution in dB	-	
	c.	Noise pollution control measures proposed	Not Applicable	
25	WASTE MANAGEMENT			
	<b>I.</b>	<b>Operational Phase</b>		

	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable	NA
			Non-Biodegradable	NA
	b.	Quantity of Hazardous waste generation with source and mode of Disposal as per norms	Not Applicable	
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	Not Applicable	
26	Risk Assessment and disaster management		Not Applicable	
27	POWER			
	a.	Total Power Requirement in the Operational Phase with source	No Power Consumption in Operation Phase	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	No Power Consumption in Operation Phase	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Not Applicable	
	d.	Energy conservation plan and Percentage of saving including plan for utilization of solar energy as per ECBC 2007	Not Applicable	
28	PARKING			
	a.	Parking Requirement as per norms	Not Applicable	
	b.	Internal Road width (Row)	Not Applicable	
29	Any other information specific to the project (Specify)		It's a Infrastructure Development Project. No Production using Raw Materials. Only Deepening of Existing Commercial Navigation Channel of Old Mangalore Port.	

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 220<sup>th</sup> meeting held on 9-4-2019 to provide required clarification/additional information. The committee noted that there are two proposals in connection with old Mangalore port the one being construction of coastal berth and the other being capital dredging for which the proponent has stated that the project has been technically sanctioned in two parts and Govt. of India has approved these two parts under Sagarmala Scheme and further requested that two separate ECs are required in view of the above facts.

However, the committee after discussion/deliberation decided to conduct site inspection for assessing the ground realities of the project and to issue any additional ToRs only after site inspection which has been scheduled on 20<sup>th</sup>& 21<sup>st</sup> April 2019.

Accordingly the SEAC team has visited the project site on 20-4-2019. Site visit report was placed before the committee for deliberation and committee approved the report.

As regard the request made by the proponent about the adoption of data that is being collected, the committee accepted to permit him to utilize the same for conducting EIA studies.

The committee after discussion decided to forward the proposal to SEIAA for issue of standard ToRs and following site specific additional ToRs to conduct the EIA studies in accordance with the EIA Notification 2006, by utilizing the baseline data.

- 1) The characteristics of underground water in the two islands within the Gurupur river may be analysed separately.
- 2) Compliance to earlier EC may be detailed and submitted.
- 3) The proponent to explore the possibilities of providing mobile STP/Chemical toilet instead of septic tank and soak pit during construction.
- 4) The detailed study made to identify the dumping spot may be furnished.
- 5) Details of flora and fauna both marine and terrestrial alongwith any endangered species noticed may be detailed and submitted.
- 6) CRZ clearance from the competent authority to be obtained and submitted.

Accordingly ToRs were issued on 02-11-2019. The proponent has submitted the EIA report on 18-11-2019 and the same was placed before the committee for EIA appraisal.

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 02-12-2019 to provide clarification/additional information.

During appraisal committee noticed that the compliance to the ToRs are not in chronological order and also there are many lacunas in the report for which the proponent and consultant have agreed to come back after rectifying the same. 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 Projects

**235.3** Proposed Expansion of Office Building Project at Sy.Nos.14 & 158 of Pattandur Agrahara Village, K.R.Puram Hobli, Bangalore East Taluk, Bengaluru Urban District by M/s. Sumadhura Capital Towers Pvt. Ltd. (SEIAA 153CON 2019)

Sl. No	PARTICULARS		INFORMATION
1	Name & Address of the Project Proponent		M/s. Sumadhura Capital Towers Pvt. Ltd Sy Nos 14 & 158, Pattandur Agrahara village, K.R Puram Hobli , Bangalore east taluk, Bangalore-560066
2	Name & Location of the Project		<b>Expansion of non residential office building project</b> at Sy No. 14 & 158 of Pattandur Agrahara Village, K R Puram hobli, Bangalore East Taluk, Bangalore.
3	Co-ordinates of the Project Site		12°59'06.29"N 77°45'00.14"E
4	Environmental Sensitivity		
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Nallurahalli Kere is at a distance of 1.6 Km (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.	NA
5	Type of Development		Commercial Building
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial Building
	b.	Residential Township/ Area Development Projects	NA

6	Plot Area (Sqm)	37,837.79 Sqm
7	Built Up area (Sqm)	1,56,805.49 Sqm
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2 Towers with 3B+GF+11 UF.
9	Number of units in case of Construction Projects	NA
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	375
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 9490.52 Sqm (34.24%).
	b.	Kharab Land NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 3,511.28 Sqm (10.0%).
	d.	Internal Roads 8 mts Width
	e.	Paved area 23079.59Sqm (50.76%)
	f.	Others Specify Surface parking area is about 1756.40 (5.0%) Sqm.
	g.	Parks and Open space in case of Residential Township/ Area Development Projects NA
	h.	Total
14	Details of demolition debris and / or Excavated earth	
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable 50,000
	b.	Total quantity of Excavated earth (in cubic meter) 12,000
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter) For back filling = 6,000 For Landscape= 4,000 For Internal Road making =2, 000
	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	In the time of EIA report we give all the details.	
15	WATER			
	I.	Construction Phase		
	a.	Source of water	STP treated water from BWSSB	
	b.	Quantity of water for Construction in KLD	100 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
	d.	Waste water generation in KLD	4 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	306
			Recycled	216
			Total	523
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	497	
	d.	STP capacity	500 KLD	
	e.	Technology employed for Treatment	SBR	
	f.	Scheme of disposal of excess treated water if any	Excess treated water will be utilised for HVAC & other secondary domestic uses	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof run off	540 KLD	
	b.	No's of Ground water recharge pits	30 No's	
17	Storm water management plan		Enclosed in EMP	
18	WASTE MANAGEMENT			
	I.	Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Shall be disposed through BBMP Authorised	
	II.	Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	3,000 kg/day converted in to organic manure and used for garden	
	b.	Quantity of Non-Biodegradable waste	1,500 Kg/day given to PCB authorized recycler	



		generation and mode of Disposal as per norms	
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	5,000-2,000 Lts/one B check given to PCB authorized recycler
	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	2000 Kg/year given to PCB authorized recycler
19	POWER		
	a.	Total Power Requirement - Operational Phase	8910 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2250 KVA X 6 nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	In the time of EIA report we give all the details.
20	PARKING		
	a.	Parking Requirement as per norms	1444
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed
	c.	Internal Road width (RoW)	8mts

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

The Proponent and Environment Consultant attended 235<sup>th</sup> SEAC meeting held on 2.12.2019 to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, IA, Conceptual plan, and clarification/additional information provided during the meeting.

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

- 1) Details of the Kharab land and its position on the village survey map may be detailed and submitted.
- 2) Ground water potential in the study area may be studied and submitted.

- 3) Scheme for waste to energy plant to process the organic waste generated from the entire project.
- 4) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 5) Utilization of the entire terrace for solar power generation as well as solar thermal for HVAC may be worked out and submitted.
- 6) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 7) Rain water harvesting/storage details may be worked out.
- 8) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 9) To submit the scheme for development of greenery with the number and kind of tree species as per the norms.
- 10) The applicability of the recent Hon'ble Supreme court order on buffer zone for water bodies and nalas may be studied and submitted.
- 11) Possibility of going for CNG/PNG gensets may be studied and submitted
- 12) Detail the statutory notifications based on which the expansion is proposed may be submitted.
- 13) The changes in landuse details and building setbacks may be detailed and submitted.

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

**235.4** Proposed Peripheral Ring Road connects the existing ORR intersecting 10 major Highways namely Tumkur Road (NH-4), Hesaraghatta Road (SH-39), Doddaballapura Road (SH-09), Bellary Road (NH-7), Hennur-Bagalur Road (SH-104), Old Madras Road (NH-4), Hoskote-Anekal Road (SH-35), Sarjapur Road and Hosur Road (NH-7) Project at Bengaluru City, (Four Taluks: Bangalore North, Bangalore South, Bangalore East and Anekal), Bangalore Urban District by **Bangalore Development Authority (SEIAA 40 IND 2019)**

S1. No.	Particulars	Information
1.	Name of the project	Development Of Eight Lane Peripheral Ring Road-Phase-I, Connecting Tumkur Road To Hosur Road (Crossing Bellary Road And Old Madras Road) by Bangalore Development Authority, GoK
2.	Location of the project	Proposed PRR connects the existing Outer Ring Road (ORR) intersecting 10 major Highways namely Tumkur Road (NH-4), Hesaraghatta Road (SH-39), Doddaballapura Road (SH-09), Bellary

		Road (NH-7), Hennur - Baglur Road (SH-104), Old Madras Road (NH-4), Hoskote-Anekal Road(SH-35), Sarjapur Road and Hosur Road (NH-7).
3.	Land use as per CDP	Not applicable
4.	Name & Address of the project proponent	Shri. Niranjana Executive Engineer, Bangalore Development Authority, T.Chowdiah Road, Kumara Park West, Bangalore- 560 020.
5.	New/ Expansion/Modification	New (Length -65.5 km)
6.	Site Area in Sqmt	--
7.	Total Built up area in Sq.mt	--
8.	Components of development	Development of Eight lane Peripheral Ring Road involves Flyovers at road crossings, Underpass at road crossings, Railway Over Bridge, Railway under Bridge, Vehicular Underpass, Vehicular Overpass, Pedestrian Underpass, Pedestrian Overpass, Box culverts, Minor Bridges& Box culverts for BWSSB.
9.	Land use details (Ground coverage area, park & open space etc.)	Details will be given in EIA Report
10.	Source of water & NOC from the competent authority	Tankers
11.	Water requirement in KLD	22.5 KLD of water (construction phase)
12.	Wastewater generation in KLD	18 KLD
13.	STP capacity in KLD & technology	Sewage generated from the labour camps area will be treated in proposed 20 KLD STP using SBR Technology.
14.	Rain water harvesting implementation, Recharge pits, Storage capacity	--

15.	Energy savings	250 kVA X 4 Nos. of DG Sets will be used during construction phase
16.	Parking facility provided	Not applicable
17.	Traffic : nearest road - LOS - Existing & modification	Details will be included in EIA Report

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

The Proponent and Environment Consultant attended 235<sup>th</sup> SEAC meeting held on 2.12.2019 to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, IA, Conceptual plan, and clarification/additional information provided during the meeting.

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

- 1) Details of the Kharab land and its position on the village survey map may be detailed and submitted.
- 2) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 3) The applicability of the recent Hon'ble Supreme court order on buffer zone for water bodies and nalas may be studied and submitted.
- 4) Documents related to possession of land to be incorporated in the EIA.
- 5) The Proponent should carry out social impact assessment that the project as per OM Dated: 21-8-2014 issued by the Ministry regarding guidelines on environment sustainability & enterprise social commitment(Esc) related issued. The social impact assessment studies so carried out should form part of EIA & EMP report.
- 6) The details to balance cutting and filling earthwork quantities all along the alignment in order to avoid import and export of earthwork from the project site.

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

**235.5** Proposed manufacturing facility to manufacturing Active Pharmaceutical Ingredients (API's), Formulations and Animal Nutrition Premix Project at Plot Nos.600 to 612 of Harohalli, 3<sup>rd</sup> Phase KIADB Industrial Area, Kanakapura

Taluk, Ramanagara District by M/s. Desano Pharmaceuticals Pvt. Ltd. (SEIAA 41 IND 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Sasikumar Director M/s Desano Pharmaceuticals Pvt Ltd., #77 D KIADB Industrial area Jigani, Bangalore- 560105.
2	Name & Location of the Project	Establishment of Manufacturing of API's, Finished Formulations (tablets/ capsules/ vials) and Animal Nutrition Premix at Plot No 600 to 612, Harohalli 3rd Phase KIADB Industrial Area, Kanakpura Taluk, Ramanagar District
3	Co-ordinates of the Project Site	12°39'34.40"N 77°25'37.68"E 12°39'20.34"N; 77°25'37.30"E 12°39'34.36"N 77°25'44.81"E 12°39'20.34"N 77°25'44.77"E
4	Environmental Sensitivity	
	a. Distance From nearest Lake/ River/ Nala	<ul style="list-style-type: none"> <li>• Suvarnamukhi Water Reservior - 5.75 Km, NE</li> <li>• Byramangala / Vrishabhavathi Reservoir - 10.2 Km, N</li> <li>• Vrishabawathi River - 2.15 Km, NW</li> <li>• Arkavati River - 6.6 Km, SW</li> <li>• Suvarnamukhi River - 1.8 Km, W</li> <li>• Kutle hole - 10.4 Km, SE</li> <li>• Kagalhallidoddi lake-0.65Km NE</li> <li>• Lake near Bhadragundadoddi - 3.2 Km W</li> <li>• Lake near Doddakallabal - 3.9 Km NW</li> <li>• Harohalli Lake-4.7 Km, NE</li> <li>• Lake near Kempayyannapalya - 7.15 Km, NE</li> <li>• Lake near Hosgabbadi - 8.2Km NE</li> <li>• Subedaarakere - 9.1Km E</li> <li>• Lake near Sahebdoddi - 9.5 Km, W</li> <li>• MavathurKere - 10 Km, SE</li> <li>• Rayatmalakere - 14.5 Km, SE</li> <li>• Lake near Somathappanahalli - 14.8 Km, SW</li> </ul>
	b. Distance from Protected area notified under wildlife	<ul style="list-style-type: none"> <li>• Handigundi Reserve Forest-5.15 Km, NW</li> <li>• Bananthimari Reserve Forest-9.35 Km, SW</li> <li>• Bannerhatta National Park - 11.2 Km, E</li> <li>• Gangadharangudda RF-6.1Km, SE</li> </ul>

	protection act	<ul style="list-style-type: none"> <li>• Bilikal Reserve Forest - 13.05 Km, SE</li> <li>• Tenginkal Reserve Forest - 11.4 Km, SW</li> </ul>	
	c. Distance from the interstate boundary	Nil	
	d. whether located in critically / severally polluted area as per the CPCB norms	No	
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	5(f)	
6	New/ Expansion/ Modification/	Establishment of Manufacturing of API's, Finished Formulations (tablets/ capsules/ vials) and Animal Nutrition Premix	
7	Plot Area (Sqm)	92513 Sqm	
8	Built Up area (Sqm)	21,1800Sqm	
9	Component of developments	Establishment of Manufacturing of API's, Finished Formulations (tablets/ capsules/ vials) and Animal Nutrition Premix	
10	Project cost (Rs. In crores)	494.74 Crores	
11	Details of Land Use (Sqm)		
	a. Ground Coverage Area	-	
	b. Kharab Land	-	
	c. Internal Roads	Roads, Drainage-11102 Sq.m	
	d. Paved area		
	e. Parking	4901 Sq.m	
	f. Green belt	30529 Sq.m	
	g. Others Specify	Production blocks including solvent recovery plant	26389
		Warehouse & Drum Yard	7928
		Solvent storage areas	825
		Utilities	4507
		Transformer, DG and Power Control systems	1318

		QC, Microbiology lab, Office area, R & D & Canteen	2184
		ETP, STP, MEE, RO system & Scrap yard	2530
		OHC and Security	300
		Total	45981Sq.m
	h.	Total	92513 Sq.m
12	Products and By- Products with quantity (enclose as Annexure if necessary )		Products with quantity enclosed as annexure-1
13	Raw material with quantity and their source (enclose as Annexure if necessary )		List of raw materials enclosed as annexure-7
14	Mode of transportation of Raw material and storage facility		Mode of transportation of raw material and end products: Trucks Raw materials will be stored in warehouse and underground tanks.
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		-NA-
16	Fly ash production, storage and disposal details whereas coal is used as fuel		-NA-
17	Complete process flow diagram and technology employed		Complete process flow diagram enclosed as annexure-2
18	Details of Plant and Machinery with capacity/ Technology used		Details of plant machinery layout plan will be provided in the EIA report.
19	Details of VOC emission and control measures wherever applicable		<u>Emissions</u> <ul style="list-style-type: none"> <li>Emissions from Boiler &amp; DG sets</li> </ul> <u>Control Measures</u> <ul style="list-style-type: none"> <li>For Boiler- Stack of adequate height</li> <li>DG Set - Acoustic Enclosure.</li> </ul>
20	WATER		
	I.	Construction Phase	
	a.	Source of water	Borewell/ tankers/ KIADB
	b.	Quantity of water for Construction in KLD	50KLD
	c.	Quantity of water for Domestic Purpose in KLD	10KLD for labours
	d.	Waste water generation in KLD	8KLD
	e.	Treatment facility	Wastewater will be treated in mobile STP

	proposed and scheme of disposal of treated water																																																																															
II	Operational Phase																																																																															
a.	Source of water	Borewell/ tankers/ KIADB																																																																														
b.	Total Requirement of Water in KLD	Total water consumption 1137 KLD, Freshwater requirement: 635 KLD and recycled water: 502 KLD																																																																														
c.	Requirement of water for industrial purpose / production in KLD	<table border="1"> <thead> <tr> <th rowspan="2">Sl.No</th> <th rowspan="2">Description</th> <th colspan="3">Water Break Up</th> <th rowspan="2">Effluent treated</th> <th rowspan="2">REMARK</th> </tr> <tr> <th>Total water Requirement</th> <th>Water Loses</th> <th>Effluent generated KLD</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Domestic</td> <td>50</td> <td>1</td> <td>49</td> <td>49</td> <td></td> </tr> <tr> <td>2</td> <td>Green Belt</td> <td>109</td> <td>109</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td></td> <td colspan="3">Industrial</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>Process</td> <td>500</td> <td></td> <td>200-LTDS 300-HTDS</td> <td rowspan="5">515</td> <td></td> </tr> <tr> <td>5</td> <td>Utility</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>Cooling Tower</td> <td>378</td> <td>368</td> <td>10</td> <td></td> </tr> <tr> <td>7</td> <td>Boiler</td> <td>50 (25+25)</td> <td>45</td> <td>5</td> <td></td> <td>190 KL OF STEAM CONDENSATE RECYCLED TO BOILER</td> </tr> <tr> <td>8</td> <td>Others</td> <td>50</td> <td>50</td> <td></td> <td></td> <td>50KL hot water &amp; chiller</td> </tr> <tr> <td></td> <td>Total</td> <td>1137</td> <td>573</td> <td>564</td> <td>453 KLD To ETP &amp; 49 KLD from STP Total 502 water recycled</td> <td></td> </tr> <tr> <td></td> <td>Total water requirement</td> <td>(1137-502)= 635 KLD</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Sl.No	Description	Water Break Up			Effluent treated	REMARK	Total water Requirement	Water Loses	Effluent generated KLD	1	Domestic	50	1	49	49		2	Green Belt	109	109				3		Industrial					4	Process	500		200-LTDS 300-HTDS	515		5	Utility					6	Cooling Tower	378	368	10		7	Boiler	50 (25+25)	45	5		190 KL OF STEAM CONDENSATE RECYCLED TO BOILER	8	Others	50	50			50KL hot water & chiller		Total	1137	573	564	453 KLD To ETP & 49 KLD from STP Total 502 water recycled			Total water requirement	(1137-502)= 635 KLD				
Sl.No	Description				Water Break Up					Effluent treated	REMARK																																																																					
			Total water Requirement	Water Loses	Effluent generated KLD																																																																											
1	Domestic		50	1	49	49																																																																										
2	Green Belt		109	109																																																																												
3			Industrial																																																																													
4	Process		500		200-LTDS 300-HTDS	515																																																																										
5	Utility																																																																															
6	Cooling Tower		378	368	10																																																																											
7	Boiler		50 (25+25)	45	5			190 KL OF STEAM CONDENSATE RECYCLED TO BOILER																																																																								
8	Others	50	50				50KL hot water & chiller																																																																									
	Total	1137	573	564	453 KLD To ETP & 49 KLD from STP Total 502 water recycled																																																																											
	Total water requirement	(1137-502)= 635 KLD																																																																														
d.	Requirement of water for domestic purpose in KLD																																																																															
e.	Waste water generation in KLD																																																																															
		Effluent quantity will be 515 cum/day																																																																														
f.	ETP/ STP capacity	Effluents will be segregated into HTDS and LTDS.																																																																														
g.	Technology employed for Treatment	HTDS effluents will be treated in ETP consisting of solvent stripper, MEE followed by VTFD. Condensate will be treated in the biological treatment of LTDS followed by RO and RO permeate will be reused for utilities. Salts generated from MEE/ VTFD will be handed over to TSDF (Treatment Storage Disposal facility) facility.																																																																														
h.	Scheme of disposal of excess treated water if any	Domestic sewage will be treated in the STP consisting of biological treatment plant. RO permeate will be recycled and rejects will be taken to MEE. The effluent treatment facility is based on Zero Liquid Discharge concept. The effluent quantity will be 515 KLD. Treatment scheme is attached as Annexure 4 Sewage- 49 KLD will be treated in the proposed STP (50 KLD capacity) within the premises																																																																														
21	Infrastructure for Rain water harvesting	Details will be provided in the EIA report.																																																																														
22	Storm water management plan	Storm water drain will be constructed around the project site.																																																																														



23	Air Pollution				
	a.	Sources of Air pollution	Air pollution sources and constituents is listed in Annexure - 05.		
	b.	Composition of Emissions			
	c.	Air pollution control measures proposed and technology employed			
24	Noise Pollution				
	a.	Sources of Noise pollution	DG sets & Vehicular movement		
	b.	Expected levels of Noise pollution in dB	Expected noise levels during day time: < 75dB(A) and during night time : <70dB(A)		
	c.	Noise pollution control measures proposed	Acoustic enclosures for DG sets All the sections will be properly constructed with noise absorbing materials; pumps selected are of less noise generating type. Vehicles speed limit restriction within the premises at 15-20kmph and traffic congestion will be avoided by security deployed at the entry/exit gates.		
25	WASTE MANAGEMENT				
	I.	Operational Phase			
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable (Domestic)		35MT
			Non- Biodegradable (Domestic)		538 MT
			Solid Waste Name	Quantity (MT)	Disposal Facility
			Paper, Paper board and paper product waste	170 MT	KSPCB Authorized Vendor
			Wood Waste	70 MT	KSPCB Authorized Vendor
			Glass Waste in non-dispersible form	28 MT	KSPCB Authorized Vendor
			Metal Waste	70 MT	KSPCB Authorized Vendor
			Organic Waste (Canteen)	35 MT	Piggeries
		Vials	200 MT	KSPCB Authorized Vendor	

DESCRIPTION	QUANTITY PER YEAR	METHOD OF COLLECTION	METHOD OF DISPOSAL	Remarks
Used Oil	42 KL	Collected in leak proof containets	KSPCB authorize d reprocessor	
Oil soaked cotton	6 MT/ annum	Stored in secured manner	KSPCB authorize d incinerator	
Distillation residue	5465 MT/ annum	Stored in secured manner	KSPCB authorize d TSDF	2% waste from SRS
Residues and waste from production of drugs	3178 MT/ annum	Stored in secured manner	KSPCB authorize d TSDF	Spent Hyflo + Na <sub>2</sub> SO <sub>4</sub> + silica gel + Mg SO <sub>4</sub>
Spent Carbon	63 MT/ annum	Stored in secured manner	KSPCB authorize d TSDF	Activated charcoal waste from process
Spent organic solvent	6090 KL / annum	Stored in secured manner	KSPCB authorize d recycler / reprocessor	All non-recoverable solvents considered
Discarded liners	63MT/ annum	Stored in secured manner	KSPCB authorize d recycler	Based on quantities of production
Discarded bottles	12600 Nos/ annum	Stored in secured manner	KSPCB authorize d recycler	
Discarded barrels	63000 Nos / annum	Stored in secured manner	KSPCB authorize d recycler	
Chemical sludge from waste water Treatment	3800 MT / annum	Stored in secured manner	KSPCB authorize d TSDF	Based on TDS of input water calculated
Sludge from wet scrubbers	12 MT / annum	Stored in secured manner	KSPCB authorize d TSDF	Based in neutralized masses in scrubbers.

b. Quantity of Hazardous Waste generation with source and mode of Disposal as per norms

			Date expired products	3.5 MT/ annum	Stored in secured manner	KSPCB authorized TSDF		
			Off specification drugs	25 MT / annum	Stored in secured manner	KSPCB authorized TSDF	Rejected raw materials if any, which cannot be taken back, has to be sent for incineration.	
			Spent catalyst	1.4MT	Stored in secured manner	KSPCB authorized TSDF		
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	E-waste: 50Kg/annum Will be disposed to KSPCB authorized recyclers					
26	Risk Assessment and disaster management		Will be included during the preparation of EIA/EMP report.					
27	POWER							
	a.	Total Power Requirement in the Operational Phase with source	Total Power requirement for the project is 11950KVA. This requirement will be met from BESCOM.					
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Total 6 X 2250 KVA DG set will suffice the requirement of backup power supply with good quality HSD.					
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Diesel for DG set.					
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Details will be included during the preparation of EIA/EMP report.					
28	PARKING							
	a.	Parking Requirement as per norms	Details will be included during the preparation of EIA/EMP report.					
	b.	Internal Road width (RoW)	8 meter					
29	Any other information specific to the project (Specify)						--	

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

The Proponent and Environment Consultant attended 235<sup>th</sup> SEAC meeting held on 2.12.2019 to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, IA, Conceptual plan, and clarification/additional information provided during the meeting.

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

1. Present the compliance to earlier conditions given by KSPCB- CFO /EC.
2. Proponent to submit the NOC from BNP Wildlife Authorities and applicability of General conditions as per the EIA notification 2006 may be examined and submitted.
3. Establish with layout plan the adoption of GMP for manufacturing your products supported by P & ID.
4. 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.
5. 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.
6. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.
7. Evaluate and present the quantity and quality of solid and gaseous waste generated and their scheme of disposal.
8. Evaluate and present the existing and proposed water balance based on expansion.
9. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
10. Describe the measures proposed for in-house recovery of solvents mentioning the efficiency of recovery.
11. Identify and evaluate the steps in the manufacturing of your products that may represent risks to personnel or equipment and conduct a detailed investigation and present the hazop study along with risk assessment, disaster

- management for worst case scenario, all control equipment and mitigation measures adopted, emergency preparedness and onsite emergency plan.
12. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.
  13. Present the scheme proposed to isolate the lithium (if used) and other salts from MEE and explore the possibility of their disposal advantageously.
  14. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.
  15. 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.
  16. Handling of Arsenic and Cyanide compounds may be detailed and submitted.
  17. For Boiler fuel Explore the possibility of going for CNG /Solar power/Briquettes instead of furnace oil.

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

**2.15PM -6.00PM**

**235.6** Proposed Modification and Expansion of Residential Apartment Project at Plot No 9(part),10,11A&12 in sub Nos 1,2,3,5,7,10&11 of Sy No. 40 & Sub Nos. 15,16,17 &18 of Sy.No.41 in Dyavasandra Phase-II Industrial Area within the village limits of Dyavasandra,Bengaluru East Taluk, Bengaluru Urban District by **M/s ISLAND STAR MALL DEVELOPMENT PVT LTD(SEIA145CON2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Ravi Sankar General Manager M/s. Island Star Mall Developers Pvt Ltd, Whitefield Road, Mahadevapura CMC, Dyavasandra Phase -II Industrial Area, Mahadevapura Post, Bengaluru - 560 048.
2	Name & Location of the Project	Modification & Expansion of "Phoenix Marketcity", Commercial development. Plot No. 9 (part), 10,11A & 12, in Sub Nos. 1, 2, 3, 5, 6, 7, 10 & 11 of Sy. No. 40 & Sub Nos.15, 16, 17 & 18 of Sy. No. 41 in Dyavasandra Phase -II Industrial Area within the Village limits of

		Dyavasandra, Krishnarajapuram Hobli, Bengaluru East Taluk, Bengaluru.
3	Co-ordinates of the Project Site	a) Latitude : 12 Deg 59 Min 49.47 Sec N Longitude : 77 Deg 41 Min 46.25 Sec E b) Latitude : 12 Deg 59 Min 54.71 Sec N Longitude : 77 Deg 41 Min 43.26 Sec E c) Latitude : 12 Deg 59 Min 49.59 Sec N Longitude : 77 Deg 41 Min 42.12 Sec E d) Latitude : 12 Deg 59 Min 48.69 Sec N Longitude : 77 Deg 41 Min 45.77 Sec E e) Latitude : 12 Deg 59 Min 44.27 Sec N Longitude : 77 Deg 41 Min 44.86 Sec E
4	ENVIRONMENTAL SENSITIVITY	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) Chikkadevasandra lake is at distance of about 550 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. --
5	TYPE OF DEVELOPMENT	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other Commercial development consists of Retail/shopping mall, office, multiplex, hotel & MLCP.
	b.	Residential Township/ Area Development Projects --
6	Plot Area (Sqm)	59,930.15 Sqmt.
7	Built Up area (Sqm)	3,24,007.48 Sqmt.
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with	Shopping/Retail/Multiplex - 2B+G+5UF ( Existing G+2UF Shopping , 3rd Floor-Retail 4th Floor-Retail/Multiplex, 5th Floor- Multiplex)

	Numbers of Basements and Upper Floors]	Multiplex/ Retail/MLCP/Office - 2B+G+14UF ( Existing G & 1st Floor - Retail, 2nd & 3rd Floor Multiplex, Proposed 4th & 5th Floor - MLCP, 6th - 14th Floor - Office) - Multiplex Block Banquets/Hotel: Block - 1 :3rd to 14th Floor (3rd & 4th Floor- Banquets/ Ball rooms, 5th - 14th floors - Hotel Floors,360 rooms) MLCP/Retail/Office:Block-2 Wing-A 2B+G+15UF (GF-3UF Retail/office, 4th -15th Floor Office) Wing-B 2B+G+16UF (2B+G+6UF MLCP, 7th - 16th Floor Office)	
9	Number of units in case of Construction Projects	Commercial development consists of Retail / Shopping mall, Office, multiplex, hotel & MLCP	
10	Number of Plots in case of Residential Township/ Area Development Projects	NA	
11	Project Cost (Rs. In Crores)	Rs. 153 Crores (Expansion cost only)	
12	Recreational Area in case of Residential Projects / Townships	--	
13	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	26,534.41 Sqmt
	b.	Kharab Land	--
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	19,790.131 Sqmt
	d.	Internal Roads	11,235.45Sqmt
	e.	Paved area	-
	f.	Others Specify	1,418.709 Sqmt services & 951.45 Sqm road widening area
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
	h.	Total	59,930.15 Sqmt
14	Details of demolition debris and / or Excavated earth		
	a.	Details of Debris (in cubic	There is no demolition work

	meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	
b.	Total quantity of Excavated earth (in cubic meter)	1,13,912 m <sup>3</sup>
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	91,129.6 m <sup>3</sup>
d.	Excess excavated earth (in cubic meter)	22,782.4 m <sup>3</sup>
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	It is proposed to re-use for back filling, for landscaping and for site formation within the project site
15	WATER	
I.	Construction Phase	
a.	Source of water	Proposed to be source tertiary treated water from Existing STP within the project for construction & external tanker water for labours
b.	Quantity of water for Construction in KLD	44 KLD
c.	Quantity of water for Domestic Purpose in KLD	18 KLD
d.	Waste water generation in KLD	17 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be treated in the existing STP
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 875 KLD
		Recycled 608 KLD
		Total 1483 KLD
b.	Source of water	BWSSB
c.	Waste water generation in KLD	1409 KLD
d.	STP capacity	1460 KLD (500 KLD, 550 KLD & 410 KLD)
e.	Technology employed for Treatment	Sequencing Batch Reactor (SBR) Technology
f.	Scheme of disposal of excess treated water if any	Excess 571 KLD will be used for HVAC.



16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	605 Cum (380 cum & 225 cum)
	b.	No's of Ground water recharge pits	16 Nos
17	Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water in to the recharge pits and will be managed within the site, excess runoff will be discharged 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	During construction phase, the domestic solid wastes will be minimal as there is no provision of labour colony; the generated domestic solid waste will be handed over to BBMP Construction debris -186 m <sup>3</sup> 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	1840 Kg/day This will be segregated and will be processed in organic waste converter
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	4140 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	12.393 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 and mode of Disposal as per norms	e-waste will be collected separately & handed over to authorized e-waste recyclers for further processing
19	POWER		
	a.	Total Power Requirement - Operational Phase	17,579 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG sets of 2000 KVA - 09 Nos and 1500 KVA- 5 Nos.
	c.	Details of Fuel used for DG Set	5,342.76 l/hr
	d.	Energy conservation plan and	23 %

		Percentage of savings including plan for utilization of solar energy as per ECBC 2007				
20	PARKING					
a.	Parking Requirement as per norms	3654 Nos (provided 3696 Nos)				
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	ITPL Road	Existing		Changed scenario	
		Towards Hope form circle	0.7	D	0.21	B
		Towards K.R Puram	0.69	D	0.24	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 235<sup>th</sup> SEAC meeting held on 2.12.2019 to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, IA, Conceptual plan, and clarification/additional information provided during the meeting.

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

- 1) Details of the Kharab land and its position on the village survey map may be detailed and submitted.
- 2) Ground water potential and level in the study area may be studied.
- 3) Scheme for waste to energy plant to process the entire organic waste generated from the entire project
- 4) Management plan to utilize the entire earth generated within the site may be worked out and submitted.
- 5) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 6) Scheme for utilizing maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 7) Rain water harvesting/storage details may be worked out.
- 8) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 9) To submit the Details of trees to be felled and the scheme for development of greenery with the number and kind of tree species as per the norms.

- 10) The applicability of the recent NGT order on buffer zone for water bodies and nalas may be studied and submitted.
- 11) Comparative analysis study between the data collected during 2011 and present study data may be worked out and submitted.
- 12) Sampling locations shall be as per standard norms.

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

### Fresh Projects

**235.7** Proposed IT Office Building Project at Sy.Nos.27/1, 27/2, 28/1, 28/2, 28/3, 28/4, 28/5, 29/1, 29/2, 30/8(P), 32/21(P), 32/22(P), 32/27(P), 32/29(P), 33/1(P), 33/2(P) of Bellandur Village, Bengaluru East Taluk, Bengaluru Urban District by M/s. Jaganmayi Infra Solutions Pvt. Ltd. (SEIAA 146 CON 2019)

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	<b>M/s. Jaganmayi Infra Solutions Private Limited.</b> 4 <sup>th</sup> Floor, Salarpuria Windsor, No.3, Ulsoor Road, Bengaluru - 560 042.
2	Name & Location of the Project	<b>Proposed IT Office Building</b> At Sy Nos. 27/1, 27/2, 28/1, 28/2, 28/3, 28/4, 28/5, 29/1, 29/2, 30/8(P), 32/21(P), 32/22(P), 32/27(P), 32/29(P), 33/1(P), 33/2(P), Bellandur Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru.
3	Co-ordinates of the Project Site	Latitude: 12°55'40.05" N Longitude: 77°40'43.77" E
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	<ul style="list-style-type: none"> <li>➤ Bellandur Lake - 420m from the project site.</li> <li>➤ With reference to the project site and village map there is a nala crossing the site which will be realigned to the boundary of the plot without obstructing the natural flow of the drain with a required buffer. Also there is a nala in the eastern side of the project site for which required buffer has been provided.</li> </ul>
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in	<ul style="list-style-type: none"> <li>➤ Bellandur Lake - 420 m from the project site.</li> <li>➤ With reference to the project site &amp;village map there is a nala crossing the project site which will be realigned to the boundary of the plot without obstructing the natural</li> </ul>

	O.A 222 of 2014 dated 04.05.2016, if Applicable.	flow of the drain with a required buffer. Also there is a nala in the eastern side of the project site for which required buffer has been provided.
5	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	IT Office Development
b.	Residential Township/ Area Development Projects	No
6	Plot Area (Sqm)	20,970.0 Sqmt (5 Acres 7.25 Guntas)
7	Built Up area (Sqm)	1,05,909.62 Sqmt
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	The office building is sprawled across 2B+G+11UF with a height of 54.50 m and MLCP block has a configuration of 2B+5 Floors.
9	Number of units in case of Construction Projects	NA
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	Rs. 372.04 Crores
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	7,145.0Sqmt
b.	Kharab Land	752.58Sqmt
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6,601.33 Sqmt

d.	Paved area	No
e.	Others Specify	Service Area -845.18Sqmt Hardscape area -4,575.91Sqmt Landscape on podium - 1,050 Sqmt
f.	Parks and Open space in case of Residential Township/ Area Development Projects	Included in the landscape area
g.	Total	20,970.0 Sqmt
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	105 m <sup>3</sup>
b.	Total quantity of Excavated earth (in cubic meter)	1,57,410m <sup>3</sup>
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	1,57,410 m <sup>3</sup>
d.	Excess excavated earth (in cubic meter)	0
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	No
15	WATER	
I.	Construction Phase	
a.	Source of water	Water for construction will be sourced from nearby project STP treated water and water for domestic purpose will be sourced from external authorized tankers.
b.	Quantity of water for Construction in KLD	15.0 KLD
c.	Quantity of water for Domestic Purpose in	8.0KLD

	KLD	
d.	Waste water generation in KLD	7.6 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated from the construction site is 7.6 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 234 KLD
		Recycled 188 KLD
		Total 422 KLD
b.	Source of water	KIADB
c.	Waste water generation in KLD	380 KLD
d.	STP capacity	420 KLD
e.	Technology employed for Treatment	Sequential Batch Reactor Technology
f.	Scheme of disposal of excess treated water if any	For Flushing - 188 KLD For Landscaping - 43 KLD HVAC - 130 KLD
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	300 Cum
	No's of Ground water recharge pits	10 Nos.of Recharge pits
17	Storm water management plan	Yes
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	80 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	751 kg/Day. Biodegradable wastes will be segregated at the source and will be processed in proposed organic waste converter.
	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	1,126 kg/Day. Non-biodegradable wastes will be given to the waste recyclers.
c.	Quantity of Hazardous	Waste Oil Generation: 2.2 l/hr.

	Waste generation and mode of Disposal as per norms	Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.					
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.					
19	POWER						
a.	Total Power Requirement - Operational Phase	4,000 kVA					
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1,500 kVA X 3Nos.					
c.	Details of Fuel used for DG Set	Diesel is used as fuel for DG and the diesel consumption is 943l/hr					
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> <li>➤ Solar lightings</li> <li>➤ HF Ballast</li> <li>➤ Cu wound transformer</li> <li>➤ LED</li> </ul> Energy Savings: 23%					
20	PARKING						
a.	Parking Requirement as per norms	<b>Required</b>		<b>Provided</b>			
		1,310 Nos.		1,350Nos.			
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Road	Existing	Changed Scenario by adding generated traffic	Modified Scenario by adding generated traffic	Changed Scenario after introducing metro	
		Outer Ring Road	Silk - Board (2 lane SR)	C	C	D	B
			K R Puram (2 lanes SR)	C	D	D	C
			Silk - Board (1 lane BRT)	C	D	D or E	C
			K R Puram (1 lanes BRT)	C	C	C	B
c.	Internal Road width (RoW)	8.0 m					

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 235<sup>th</sup> meeting held on 2-12-2019 to provide clarification/additional information.

This project falls in the Mutation corridor and land for this project has been acquired by KIADB and allotted to the proponent. As per the village survey map there is one nala cutting across the project site in east west direction for which the proponent has stated that the 7 guntas of kharab land of this nala has been conveyed in the name of KIADB and necessary charges have also been paid by KIADB to revenue authorities for this the proponent has stated that he will construct a peripheral drain of sufficient capacity in his own land and he has agreed to submit the carrying capacity of the proposed drain. He has also stated that this land has been allotted by State level single window clearance committee (SLSWCC).

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

- 1) Solar panel layout utilizing the entire terrace area may be drawn and submitted.
- 2) Runoff and carrying capacity of the proposed nala may be worked out and submitted.
- 3) Window to wall ratio as per ECBC norms may be worked out and submitted.

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

**235.8 Proposed Residential Apartment Building Project at Khata No.1233 Sy.Nos.91/1, 91/2 and 91/3 of Seegehalli Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. DESAI DEVELOPERS (SEIAA 147 CON 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Desai Developers, K.B.Homes, Site No. 90, Green Garden Layout, Munnekolala Road, Kundalahalli Gate, Marthahalli, Bangalore-560037
2	Name & Location of the Project	Proposed Residential Apartment Building Project at Khata No. 1233, Sy. No. 91/1, 91/2 and 91/3, Of Seegehalli Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore
3	Co-ordinates of the Project Site	13°00'24.08"N 77°45'47.61"E
4	Environmental Sensitivity	



	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Nala is adjacent to project at the southern side.
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	NA
5	Type of Development		Residential Building
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Building
	b.	Residential Township/ Area Development Projects	NA
6	Plot Area (Sqm)		12,342.80 m <sup>2</sup>
7	Built Up area (Sqm)		44324.82 m <sup>2</sup>
8	Building Configuration Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]		Residential building in 2B+G+11UF & a Club House
9	Number of units in case of Construction Projects		NA
10	Number of Plots in case of Residential Township/ Area Development Projects		286 Units
11	Project Cost (Rs. In Crores)		95
12	Recreational Area in case of Residential Projects / Townships		NA
13	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	3101.03 Sqm (25.22 %)
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	3160.07 sqm (25.7%) & podium landscape area is about 2391.82 Sqmt (19.45%),
	d.	Internal Roads	8mts Width
	e.	Paved area	3643.04 Sqm (29.63%).
	f.	Others Specify	Road widening area – 47.70 Sqmt
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA

	h.	Total	
14	Details of demolition debris and / or Excavated earth		
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	NA
	b.	Total quantity of Excavated earth (in cubic meter)	42,000
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 14,000 For Landscape= 12,000 For Internal Road making =16, 000
	d.	Excess excavated earth (in cubic meter)	NA
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA
15	WATER		
	I.	Construction Phase	
	a.	Source of water	BWSSB STP treated water
	b.	Quantity of water for Construction in KLD	50 KLD
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD
	d.	Waste water generation in KLD	4KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	Fresh 148 Recycled 74 Total 222
	b.	Source of water	BWSSB
	c.	Waste water generation in KLD	200
	d.	STP capacity	200 KLD
	e.	Technology employed for Treatment	SBR
	f.	Scheme of disposal of excess treated water if any	Excess 73 KLD treated water will be used for avenue plantation and for construction purposes.
16	Infrastructure for Rain water harvesting		

	a.	Capacity of sump tank to store Roof run off	180 m <sup>3</sup>
	b.	No's of Ground water recharge pits	10 Nos
17	Storm water management plan		Enclosed in EMP
18	WASTE MANAGEMENT		
	I. Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Shall be disposed through BBMP Authorised vendors.
	II. Operational Phase		
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	386 kg/day converted in to organic manure and used for garden
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	258 Kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80 Lts/one B check given to PCB authorized recycler
	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	100 Kg/year given to PCB authorized recycler
19	POWER		
	a.	Total Power Requirement - Operational Phase	1150 kW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	220 KVA X 2 nos.
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel.
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	21% we have achieved
20	PARKING		
	a.	Parking Requirement as per norms	319
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed
	c.	Internal Road width (RoW)	8 mts

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

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 2-12-2019 to provide clarification/additional information.

As per the village survey map there is one primary nala on the southern side of the project site for which the proponent has stated that he has left 50meter Buffer zone as mandated and also he has stated that this project got approved from the sensitive zone committee of BDA. Also there is a tertiary nala on the Northern side of the project site but according to the present condition and also as certified by the local Gram Panchayath a road has been formed on this nala but however the proponent has stated that he has left 15meter setback in the project site that can act as buffer zone leaving that area undisturbed except building fire driveway at the elevated level by putting up some columns.

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

- 1) Details about landscape deleting bufferzone and also the compensatory afforestation along with justification and also necessary MOU with the concerned may be submitted.

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

**235.9** Proposed Development of Warehouse Building Project at Sy.Nos.18/2, 18/3, 18/4, 19/1, 19/2, 19/3, 20/1, 20/2, 20/3, 21/2, 22/2, 23/2, 23/3, 23/4 of Thavarekere Venkatapura Village, Nandagudi Hobli, Hosakote Taluk, Bangalore Rural District By **Sri R. Raghava Reddy, R. Ashok and R. Sandeep (SEIAA 148 CON 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	R. Raghava Reddy, R. Ashok and R. Sandeep, 1st "D" Main, Domlur Layout, Bangalore-71
2	Name & Location of the Project	Development of Warehouse Building project At Sy Nos. 18/2, 18/3, 18/4, 19/1, 19/2, 19/3, 20/1, 20/2, 20/3, 21/2, 22/2, 23/2, 23/3, 23/4 of Thavarekere Venkatapura Village, Nandagudi Hobli, Hosakote Taluk, Bangalore. Bangalore
3	Co-ordinates of the Project Site	13°07' 35.95"N 77°57'13.98"E
4	Environmental Sensitivity	
	a. Distance from periphery of nearest Lake and other water	Tavrekere lake is at a distance of 2.0 km towards west of the project site

		bodies (Lake, Rajakaluve, Nala etc.,)	
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	NA
5	Type of Development		Warehouse Building
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Warehouse Building
	b.	Residential Township/ Area Development Projects	NA
6	Plot Area (Sqm)		1, 03,500.41 Sqm (25 A 23 G)
7	Built Up area (Sqm)		46,570 Sqm
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]		Four number of existing Borewell are present in the project site
9	Number of units in case of Construction Projects		NA
10	Number of Plots in case of Residential Township/ Area Development Projects		NA
11	Project Cost (Rs. In Crores)		18
12	Recreational Area in case of Residential Projects / Townships		NA
13	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	--
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	679.121 (10.0%) Sqm
	d.	Internal Roads	6.0 mts Width
	e.	Paved area	10351 SqM (10.001 %)
	f.	Others Specify	Road : 6480.84 SqM ( 6.26% ) Visitors parking: 5176 Sqm (5.001%) Other Open Area Circulation Space: 34922.57 SqM ( 33.748 %)

	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	1, 03,500.41 Sqm (25 A 23 G)
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)	52,000
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling =15,000 For Landscape=28,000 For Internal Road making =9,000
	d.	Excess excavated earth (in cubic meter)	NA
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA
15	WATER		
	I.	Construction Phase	
	a.	Source of water	Our Existing STP or from BWSSB
	b.	Quantity of water for Construction in KLD	100 KLD
	c.	Quantity of water for Domestic Purpose in KLD	5 KLD
	d.	Waste water generation in KLD	4 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant
	II.	Operational Phase	
	a.	Total Requirement of Water in KLD	Fresh 63 Recycled 32 Total 95
	b.	Source of water	Gramapanchayath
	c.	Waste water generation in KLD	86
	d.	STP capacity	3 Nos. of STP with of Capacity 38 KLD X 2 Nos. and 20 KLD X 1 No.
	e.	Technology employed for	SBR

		Treatment	
	f.	Scheme of disposal of excess treated water if any	Excess STP treated water will be use for avenue plantation/construction purposes
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	1500
	b.	No's of Ground water recharge pits	50
17	Storm water management plan		Enclosed in EMP
18	WASTE MANAGEMENT		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Organic waste will be processed in OWC and recyclable waste will be collected and handed over to authorised recycles
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	86 kg/day converted in to organic manure and used for garden
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	129 Kg/day given to PCB authorized recycler
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	150-300 Lts/one B check given to PCB authorized recycler
	d.	Quantity of E waste generation and mode of Disposal as per norms	250 Kg/year given to PCB authorized recycler
19	POWER		
	a.	Total Power Requirement - Operational Phase	1500 KW
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG Sets 2 No. 650 KVA and 1 No. 400 KVA
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	21% we are achieved
20	PARKING		
	a.	Parking Requirement as per norms	310 lorry
	b.	Level of Service (LOS) of the connecting Roads as per the	

	Traffic Study Report	
c.	Internal Road width (RoW)	6.0 mts

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 235<sup>th</sup> meeting held on 2-12-2019 to provide clarification/additional information.

As per the village survey map there is one pond with an area of 9guntas within the project site for which the proponent has stated that he has left 10meter buffer zone all round this pond as per the Hoskote Development Authority also there is a nala on the northern side of the project site for which the proponent has stated that he has left 3meter buffer zone as per the Hoskote Development 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.
3. Only registered labours should be employed.

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

**235.10** Proposed Co-living Private Hostel Building Project at Khata No.1012/649, Sy.Nos.39/2, 39/3, 39/4, 40/1, 40/2, 48/6A, 48/6B, 48/7, 48/8, 48/9, 48/10, 48/11, 48/12, 48/13, 48/14, 48/15 of Ramagondanahalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. Zonasha Estate & Projects Pvt. Ltd. (SEIAA 149 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. R. Nagaraj Zonasha Estate & Projects Private Limited No. 1075, 2nd Floor, 12th Main, 8th Cross Road, Indira Nagar, Bengaluru, Karnataka 560038



2	Name & Location of the Project	Proposed Co-living Private Hostel Building at Khata No: 1012/649, Sy No's. 39/2, 39/3, 39/4, 40/1, 40/2, 48/6A, 48/6B, 48/7, 48/8, 48/9, 48/10, 48/11, 48/12, 48/13, 48/14, 48/15 of Ramagondanahalli Village, Varthur Hobli, Bangalore East Taluk and Bangalore District by Zonasha Estate & Projects Private Limited
3	Co-ordinates of the Project Site	12°57'17.84"N 77°44'30.49"E.
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala, etc.,)	Varthur Lake: Left buffer of 30 meter from the Building line (South east)
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.	Varthur Lake: Left buffer of 30 meter from the Building line (South east)
5	Type of Development	
a.	New/Expansion/Modification	New
b.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed Co-living Private Hostel Building
c.	Residential Township/ Area Development Projects	NA
6	Plot Area (Sqm)	4 Acres (16,187Sq. m.)
7	Built Up area (Sqm)	36,672.11 Sq. m.
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	No. of Building Blocks: Stilt+GF+10UF
9	Number of units in case of Construction Projects	NA
10	Number of Plots in case of Residential Township/ Area Development Projects	NA

11	Project Cost (Rs. In Crores)	83 Crores		
12	Recreational Area in case of Residential Projects / Townships	1618 Sq.mts		
13	Details of Land Use (Sqm)			
a.	Ground Coverage Area	3938.92 Sq. mtr (24.33%)		
b.	Kharab Land	NA		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6020Sq.mts		
d.	Internal Roads and Paved area	3228.5 Sq.mts		
e.	Others Specify	NA		
f.	Parks and Open space in case of Residential Township/ Area Development Projects	NA		
g.	Total	16187 Sq.mts		
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	Sl. no.	Excavated Soil	Quantity
			Total	3125 cum
		1	Backfilling to be done between boundaries	1575 cum
		2	Backfilling to be done on the backside of retaining walls and underground tank	750 cum
		3	Top Soil to be used for Landscaping	800 cum
b.	Total quantity of Excavated earth (in cubic meter)	3125 Cum		
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	3125 cum with in project site		
d.	Excess excavated earth (in cubic meter)	NIL		
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA		
15	WATER			
I.	Construction Phase			
a.	Source of water	Tanker		
b.	Quantity of water for Construction	Treated water of around 20 KLD shall be used for		

	in KLD	construction purposes.
c.	Quantity of water for Domestic Purpose in KLD	Around 2.25 KLD shall be required for domestic purpose during construction phase.
d.	Waste water generation in KLD	1.100KLD
e.	Treatment facility proposed and scheme of disposal of treated water	This shall be obtained through tankers. STP shall be installed to treat the sewage generated from construction workers.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 180 KLD
		Recycled 90 KLD
		Total 270 KLD
b.	Source of water	BWSSB
c.	Waste water generation in KLD	243 KLD
d.	STP capacity	250 KLD
e.	Technology employed for Treatment	SBR
f.	Scheme of disposal of excess treated water if any	<ul style="list-style-type: none"> <li>i. Recycled water for Flushing-90 KLD</li> <li>ii. Landscaping – 37 KLD</li> <li>iii. Cooling tower- 21 KLD</li> <li>iv. Internal road Maintenance- 16 KLD</li> </ul> Excess water shall be utilized for nearby park maintenance/ BWSSB drain
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	2 No X 80 CUM
b.	No's of Ground water recharge pits	12 Nos
17	Storm water management plan	Furnished in the EMP Report
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	General earthwork excavation during the construction phase results in the loosening of the top soil. The excavated soil will be stacked properly at site and the same will be utilized for backfilling and green belt development. Proper compaction and stabilization of the same will be ensured.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	General Garbage organic of 528 Kgs / day Organic Waste will converted in to manure by organic converter & will be used for landscape development and STP Sludge of 15kg/day Will be dewatered and used back as Manure for gardening.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Inorganic waste of 352 Kgs / day Disposed through BBMP pick up vehicle

	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Around 1 KL per annum of used oil from 2 Generator sets & 10 Nos. of oil filters shall be generated during operational phase. Shall be disposed to authorized recyclers
	d.	Quantity of E waste generation and mode of Disposal as per norms	NA
19	POWER		
	a.	Total Power Requirement - Operational Phase	2000 kw
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2Nos. 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	Total energy savings from the proposed project is 18.06 %.
20	PARKING		
	a.	Parking Requirement as per norms	Total parking provided –145 cars.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	C
	c.	Internal Road width (RoW)	5meter
21	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 235<sup>th</sup> meeting held on 2-12-2019 to provide clarification/additional information.

As per the village survey map there is one lake on the eastern side of the project site for which the proponent has stated that he has left 30meter Bufferzone as mandated. As far as 1gunta of open well(Bhavi) the proponent has stated that the same has been got converted and conveyed in his favour.

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

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Mobile STP to be built instead of soak pit at the time of construction.

4. Only registered labours should be employed.

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

**235.11** Proposed Residential Apartment Project at Khatha No.656/403, Sy.No.53/3 of Whitefield Village, K.R. Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. ELV Projects Pvt. Ltd(SEIAA150CON2019)

The proponent was invited for the 235<sup>th</sup> meeting held on 02-12-2019 to provide required clarification. The proponent remained absent.

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

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

**235.12** Proposed Mixed Use Development Project at Sy.Nos.31, 32, 110 & 111/2 of Rayasandra Village, Sarjapura Hobali, Anekal Taluk, Bengaluru Urban District by M/s. JRC Projects (SEIAA 151 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Srikanth Reddy Sama, M/s. JRC Projects Plot No.313,Rainbow Residency Kaikondrahalli, Sarjapur Road Bangaluru-560035
2	Name & Location of the Project	Proposed Mixed use development (Office building and Residential Apartment project) by M/s. JRC Projects Plot No.313,Rainbow Residency Kaikondrahalli, Sarjapur Road Bangaluru-560035
3	Co-ordinates of the Project Site	12°52'43.19"N 77°41'24.57"E
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Ghattiganahalli lake at a distance of 30 M towards south of 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	NA

	222 of 2014 dated 04.05.2016, if Applicable.	
5	Type of Development	Office building and Residential Apartment project
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Office building and Residential Apartment project
b.	Residential Township/ Area Development Projects	NA
6	Plot Area (Sqm)	50, 686.45 sqm
7	Built Up area (Sqm)	45,497.02 sqm
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	B+G+4 UF
9	Number of units in case of Construction Projects	191
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	70
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	7164.59 Sqm
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	9773. sqm (20.0%)
d.	Internal Roads	12 mts Width
e.	Paved area	4886.5 Sqm (10.0%)
f.	Others Specify	NA
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	NA

b.	Total quantity of Excavated earth (in cubic meter)	18,000
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 7,000 For Landscape= 6000 For Internal Road making =5000
d.	Excess excavated earth (in cubic meter)	NA
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA
15	WATER	
I.	Construction Phase	
a.	Source of water	BWSSB STP treated water
b.	Quantity of water for Construction in KLD	100 KLD
c.	Quantity of water for Domestic Purpose in KLD	5 KLD
d.	Waste water generation in KLD	4 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 78 Recycled 50 Total 128
b.	Source of water	Gram Panchayath
c.	Waste water generation in KLD	100
d.	STP capacity	100
e.	Technology employed for Treatment	SBR
f.	Scheme of disposal of excess treated water if any	NA
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	150
b.	No's of Ground water recharge pits	15
17	Storm water management plan	Enclosed in EMP
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Given to BBMP authorities

II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	162 kg/day converted in to organic manure and used for garden
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	108kg/day given to PCB authorized recycler
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	50-80Lts/one B check given to PCB authorized recycler
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	40 Kg/year to PCB authorized recyclers
19	POWER	
a.	Total Power Requirement - Operational Phase	1000 KW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	220 KVA X 2 nos.
c.	Details of Fuel used for DG Set	Low Sulphuric diesel
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	20% we are achieved
20	PARKING	
a.	Parking Requirement as per norms	190
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed
c.	Internal Road width (RoW)	12.0 mts

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 235<sup>th</sup> meeting held on 2-12-2019 to provide clarification/additional information.

As per the village survey map there is one lake on the southern side of the project site for which the proponent has stated that he has left 30meter buffer zone as mandated. Also it is observed that there is one tertiary nala cutting across the project site in east west direction and also another nala running north south direction for which the proponent has stated that he has left 15meter buffer zone on either side as mandated. As per the statement of the proponent this project site is situated at 11.14KM from BNP and it is much more than 10KM from Jigani industrial area which is critically polluted from the project site.



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

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

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

**235.13** Proposed Hotel Building Project at Sy.No.12 of Hebbal Amanikere Village, Ward No.7, Kasaba Hobli, Bangalore North Taluk, Bengaluru Urban District by M/s. Varun Hospitality Pvt. Ltd. (SEIAA 152 CON 2019)

The proponent was invited for the 235<sup>th</sup> meeting held on 02-12-2019 to provide required clarification. The proponent remained absent.

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

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

**3<sup>rd</sup> December 2019**

**Members present in the meeting:**

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

**10:15 AM**

**EIA**

**to 1:30PM**

**Projects**

**235.14 Proposed Ethanol Plant Project at Hanagawadi Village, Harihar Taluk, Davanagere District by M/s. Mangalore Refinery and Petrochemicals Ltd. ( SEIAA 38 IND 2019)**

#	Particulate	Description		
1.	Project and Address of the Project Proponent	Proposed 60 KLPD Ligno based cellulosic Second Generation (2G) Ethanol plant at Sy. No. 82/1,82/2, 83/P, 84/1A, 84/1B, 84/2, 85/1 & 85/2, Hanagawadi Village, 2 <sup>nd</sup> stage, KIADB land at Harihar Taluk, Davanagere District Karnataka.		
2.	Available land	47.65 Acres (19.28 Ha)		
3.	Coordinates of the Project site	A: 14°29'32.20"N, 75°47'6.27"E, B: 14°29'34.70"N, 75°47'31.76"E C: 14°29'23.61"N, 75°47'15.70"E, D: 14°29'18.69"N, 75°47'28.19"E		
4.	Type of project New / Expansion / modification / renewal	New Project		
5.	Type of land (Forest / Govt. Revenue, Gomal, private / Patta, Other)	Revenue Land		
6.	Whether the project site fall within ESZ / ESA	No		
7.	Product	Fuel Grade Ethanol ( 60 KLPD)		
8.	Operation days	330		
9.	Raw material requirement	Corn Cob - 250-300 TPD or Rice Straw - 300-350 TPD (9-15% moisture content )		
10.	Water requirement	2446 KLD.		
11.	Source of water	Shantisagar (Sulekere) Tank at a distance of 40.62 km in SSE		
12.	Boiler	Lignin Boiler - 2x20 TPH (> 15 kg/cm <sup>2</sup> (a) and 225°C		
13.	TG	Not proposed		
14.	Electricity requirement	<b>Particulates</b>	<b>Proposed</b>	<b>Source</b>
		Consumption	10.45 MW	Karnataka State Electricity Board

15.	Fuel	Lignin rich cake, Concentrated Stillage, Rice Husk, Cotton stocks, Fusel Oil, Technical Alcohol & Biogas from ETP - 16 T/hr
16.	Steam	Steam Generation Capacity -2x20 TPH Total Steam Consumption - 32 TPH
17.	Total effluent generation	Effluent generation: Raw water treatment plant - 47 KLD Boiler blow down - 78 KLD DM plant reject - 120 KLD Cooling tower blow down - 626 KLD Total - 871 KLD(Recycle 696 KLD)
18.	Effluent treatment system	Anaerobic reaction, Extended Aeration, Clarification, Gravity separator, filtration & RO Recycle - 696 KLD Fire water makeup - 120 KLD Ash quenching - 24 KLD Green belt development - 31 KLD
19.	Ash	Ash collected from Boiler of about 110 Ton/Day will be used in cement plant, concrete plants, etc.
20.	ETP sludge	Maximum sludge is recirculated back in the aeration tank. Excess of sludge from clarifiers is dewatered and partially dried in sludge drying beds.
21.	Air pollution control measures	Boiler : Electrostatic precipitator & stack of 25 m height
22.	Man-power	185 persons (119- Permanent staff and 66-Contract employees)
23.	Total project cost	Rs. 1371.6 Cr.
24.	Total EMP capital cost	Rs. 47.8 Cr.
<b>25. Environment Sensitivity</b>		
26.	Nearest Village	Nagenahali at 1.75 km in S
27.	Nearest Densely populated area	Harihar - 4.3 km in NNE
28.	Nearest Town / City	Harihar - 4.3 km in NNE
29.	Nearest IMD station	Chitradurga, Karnataka, India - 60 km in SE
30.	Nearest National Highway	NH 4 (Pune-Bengaluru Highway) - 0.5 Km in South
31.	Nearest Railway station	Harihar Railway Station - 3.6 km in NNE
32.	Nearest Airport	Hubli - 121 Km in NW
33.	National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger / Elephant	Ranebennur Wildlife Sanctuary - 9.2 Km in North

	Reserves, Wildlife Corridors etc. within 10 km radius	
34.	River/Water Body (within 10 km radius)	Syagali Halla - 0.05 km in North Tungabhadra River - 1.8 km in North
35.	Interstate boundary	None in 10 km

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 03-12-2019 to provide clarification/additional information.

The proponent has stated that he has made out application at MoEF &CC New Delhi for 60KLPD 2G Ethanol plant and based on this MoEF&CC have issued ToRs 24.08.2017 and studies and Public Hearing have been taken up based on these ToRs. By the time the report was readied a policy decision was taken categorizing Non molasses based Ethanol plant less than 200KLPD under B1 category. In view of this changed policy the proponent has stated that he has made out this application to SEIAA for further appraisal of the EIA report prepared thereon.

Further it was noticed that Form-1 has not been furnished with full information, study area considered is 10KM but whereas Environmental sensitive issues within 15KM has not been furnished, the list of Flora and fauna furnished is incomplete, List of tree species proposed for green belt is not forthcoming. Odour management details, Material mass balance, Characterisation of Biomass, Solar energy & Rainwater harvesting, GLC of PM2.5 and PM10 are not forthcoming. Schematic of Biochemical cellulosic ethanol production process should be reworked and submitted.

For this the proponent and consultant have agreed to comeback with the updated data within a month. Hence the committee decided to defer.

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

#### Fresh Projects

**235.15 Proposed Building Stone Quarry Project at Sy.No.420/1 of Gorkal Village, Manvi Taluk, Raichur District (2-00 Acres) by Sri Mallikarjun (SEIAA 734 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	<b>Sri Mallikarjun</b> S/o ShivashankarGawda, Yaddaladinni Village, Manvi Taluk, Raichur District, Karnataka.

2	Name & Location of the Project	Building stone quarry of <b>Sri Mallikarjun</b> Sy. No - 420/1 of Gorkal Village, Manvi Taluk, Raichur District, Karnataka.		
3	Co-ordinates of the Project Site	<b>P.No.</b>	<b>Latitude</b>	<b>Longitude</b>
		Boundary point-A	N 16°00'09.6"	E 77°10'12.8"
		Boundary point-B	N 16°00'11.0"	E 77°10'11.6"
		Boundary point-C	N 16°00'13.7"	E 77°10'15.5"
	Boundary point-D	N 16°00'12.2"	E 77°10'16.6"	
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	Existing		
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	0.808 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of	NA		

 61

	Sand proposed to be removed	
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	<b>Year</b> <b>Saleable Building Stone in Tonnes</b>
		1 <sup>st</sup> 40,666
		2 <sup>nd</sup> 40,963
		3 <sup>rd</sup> 40,776
		4 <sup>th</sup> 40,572
		5 <sup>th</sup> 40,369
	<b>Total</b>	<b>2,03,346</b>
12	Quantity of Topsoil/Overburden in cubic meter	-
13	Mineral Waste Handled (Metric Tons/CUM)/Annum	5540 tones for five years
14	Project Cost (Rs)	10lakhs.
15	Environmental Sensitivity	
	a Nearest Forest	
	b Nearest Human Habitation	Gorkal 1.0km from the proposed lease area.
	c Educational Institutes, Hospital	Manvi 13.1 km from the proposed lease area.
	d Water Bodies	No
	e Other Specify	No
16	Applicable	

	ity of General Condition of the EIA Notification, 2006	
17	Details of Land Use in Acres	
	<b>Sl. No.</b>	<b>Particulars</b>
	1	Area to be excavated
	2	Waste dump yard
	3	Infrastructure
	4	Roads
	5	Mineral storage
	6	Green belt
	7	Top soil storage
	<b>Total</b>	
		<b>1-02</b>
		<b>0-02</b>
		<b>0-02</b>
		<b>0-02</b>
		<b>0-02</b>
		<b>0-28</b>
		<b>0-02</b>
		<b>2-00</b>
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	As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 4.5KL/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
		Domestic
		Green belt
		<b>Total</b>
		1.5
		1.5
		1.5
		<b>4.5</b>
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 235<sup>th</sup> meeting held on 03-12-2019 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 15.11.2010 for a period of 5 Years i.e up to 2015. 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 2030 as per the amendment to KMMCR Rules.

As seen from the quarry plan there is a level difference of 3 meters within the mining area and taking this into consideration and also the fact that he has mined 31202tons the committee opined that 40% of the proposed proved quantity of 207480tons or 78000cum can be mined safely and scientifically to a quarry pit depth of 12 meters for a lease period.

As per the combined sketch prepared by DMG there are no other leases within 500 meter radius from this lease and this lease was also granted prior to 9.9.2013 and based on this proponent has requested to exempt this lease 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 0.5KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.00 lakhs to take up rejuvenation of Gorkal lake which is at a distance of 1.6 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.
3. Only registered labours should be employed.

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



**235.16 Proposed Building Stone Quarry Project at Sy.No.45 of Chikkanayakanahalli Village, Malur Taluk, Kolar District (4-20 Acres) by Smt. Pushpa (SEIAA 735 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Smt Pushpa</b> W/o Channabachhe Gowda Thimmanayakanahalli Village Malur Taluk, Kolar District.		
2	Name & Location of the Project	Building Stone Quarry of <b>Smt Pushpa</b> Extent of 4-20 Acres under part of Sy.No-45 Chikkanayakanahalli Village, Malur Taluk, Kolar District, Karnataka.		
3	Co-ordinates of the Project Site	Boundary Points	Latitude	Longitude
		A	N 12°56' 10.576"	E 78° 05' 50.576"
		B	N 12° 56' 05.730"	E 78° 05' 55.065"
		C	N 12° 56' 03.435"	E 78° 05' 52.758"
		D	N 12° 56' 08.755"	E 78° 05' 48.287"
4	Type of Mineral	Building stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.821		
9	Actual Depth	NA		

	of sand in the lease area in case of River sand		
10	Depth of Sand proposed to be removed	NA	
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	<b>Year</b>	<b>Saleable Building Stone in Tonnes</b>
		1 <sup>st</sup>	1,64,983
		2 <sup>nd</sup>	1,64,983
		3 <sup>rd</sup>	1,64,983
		4 <sup>th</sup>	1,64,983
		5 <sup>th</sup>	1,64,983
	<b>Total</b>	<b>8,24,915</b>	
12	Quantity of Topsoil/Overburden in cubic meter		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	16,835Tonnes for a period of 5 years.	
14	Project Cost (Rs)	30 lakhs.	
15	Environmental Sensitivity		
	a Nearest Forest		
	b Nearest Human Habitation	Chikkanayakanahalli 2.5km from the proposed lease area.	
	c Educational Institutes, Hospital	Bangarpet 10.6 km from the proposed lease area.	
	d Water Bodies	-	
	e Other Specify	-	
16	Applicability of General		

	Condition of the EIA Notification, 2006																									
17	Details of Land Use in Acre																									
	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Particulars</th> <th>Area in Acres</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quarry workings</td> <td>3.50</td> </tr> <tr> <td>2</td> <td>Waste dumps</td> <td>0.05</td> </tr> <tr> <td>3</td> <td>Roads</td> <td>0.10</td> </tr> <tr> <td>4</td> <td>Mineral storage</td> <td>0.15</td> </tr> <tr> <td>5</td> <td>Buffer zone</td> <td>0.65</td> </tr> <tr> <td>6</td> <td>Infrastructure</td> <td>0.05</td> </tr> <tr> <td><b>Total</b></td> <td></td> <td><b>4.50</b></td> </tr> </tbody> </table>	Sl. No.	Particulars	Area in Acres	1	Quarry workings	3.50	2	Waste dumps	0.05	3	Roads	0.10	4	Mineral storage	0.15	5	Buffer zone	0.65	6	Infrastructure	0.05	<b>Total</b>		<b>4.50</b>	
Sl. No.	Particulars	Area in Acres																								
1	Quarry workings	3.50																								
2	Waste dumps	0.05																								
3	Roads	0.10																								
4	Mineral storage	0.15																								
5	Buffer zone	0.65																								
6	Infrastructure	0.05																								
<b>Total</b>		<b>4.50</b>																								
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 3.5 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	<table border="1"> <tbody> <tr> <td>Dust Suppuration</td> <td>1.5</td> </tr> <tr> <td>Domestic</td> <td>0.5</td> </tr> <tr> <td>Other</td> <td>1.5</td> </tr> <tr> <td><b>Total</b></td> <td><b>3.5</b></td> </tr> </tbody> </table>	Dust Suppuration	1.5	Domestic	0.5	Other	1.5	<b>Total</b>	<b>3.5</b>																
Dust Suppuration	1.5																									
Domestic	0.5																									
Other	1.5																									
<b>Total</b>	<b>3.5</b>																									
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 235<sup>th</sup> meeting held on 03-12-2019 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 05-07-2019 for 20 years.

As seen from the quarry plan there is a level difference of 14 meters within the mining area and taking this into consideration, the committee opined that 75% of the proposed proved quantity of 1004328tons or 386280cum 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 4 leases including this lease within 500 meter radius from this lease. Out of these 4 leases one lease with an area of 9Acres was granted during the Year 2010 and based on this the proponent has claimed exemption for this lease from cluster effect. The total area of the remaining 3 leases including this lease is being 12Acre and which is being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 400meters 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 Budihalli kere which is at a distance of 2.7KM from the lease area.

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

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

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

**235.17 Building Stone Quarry Project at Sy.No.141 of Balthamari Village, Srinivasapura Taluk, Kolar District (6-00 Acres) by Smt. Padmamma (SEIAA 736 MIN2019)**

Sl. No	PARTICULARS	INFORMATION															
1	Name & Address of the Project Proponent	<b>Smt Padmamma</b> W/o N Ramachandrappa Amerahalli Village, Kasaba Hobli, Kolar Taluk and District.															
2	Name & Location of the Project	Building Stone Quarry of <b>Smt Padmamma</b> Extent of 6-00 Acres under part of Sy.No-141 Balthamari Village, Srinivasapura Taluk, Kolar District, Karnataka.															
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Boundary Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 13° 34' 22.07"</td> <td>E 78° 19' 28.48"</td> </tr> <tr> <td>B</td> <td>N 13° 34' 16.38"</td> <td>E 78° 19' 28.11"</td> </tr> <tr> <td>C</td> <td>N 13° 34' 16.59"</td> <td>E 78° 19' 23.45"</td> </tr> <tr> <td>D</td> <td>N 13° 34' 22.28"</td> <td>E 78° 19' 23.89"</td> </tr> </tbody> </table>	Boundary Points	Latitude	Longitude	A	N 13° 34' 22.07"	E 78° 19' 28.48"	B	N 13° 34' 16.38"	E 78° 19' 28.11"	C	N 13° 34' 16.59"	E 78° 19' 23.45"	D	N 13° 34' 22.28"	E 78° 19' 23.89"
Boundary Points	Latitude	Longitude															
A	N 13° 34' 22.07"	E 78° 19' 28.48"															
B	N 13° 34' 16.38"	E 78° 19' 28.11"															
C	N 13° 34' 16.59"	E 78° 19' 23.45"															
D	N 13° 34' 22.28"	E 78° 19' 23.89"															
4	Type of Mineral	Building stone															
5	New / Expansion / Modification / Renewal	New															
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land															
7	Whether the project site fall within ESZ/ESA	No															
8	Area in Ha	2.428															
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	Annual Production Proposed (Metric Tons/CUM) / Annum	<b>Year</b>	<b>Saleable Building Stone in Tonnes</b>
		1 <sup>st</sup>	2,61,119
		2 <sup>nd</sup>	2,55,615
		3 <sup>rd</sup>	2,48,277
		4 <sup>th</sup>	2,42,467
		<b>5<sup>th</sup></b>	<b>2,36,658</b>
	<b>Total</b>	<b>12,44,136</b>	
12	Quantity of Topsoil/Overburden in cubic meter		
13	Mineral Waste Handled (Metric Tons/CUM)/ Annum	25,387 Tonnes for a period of 5 years.	
14	Project Cost (Rs)	50 lakhs.	
15	Environmental Sensitivity		
	a	Nearest Forest	
	b	Nearest Human Habitation	Balthamari 1.1km from the proposed lease area.
	c	Educational Institutes, Hospital	Srinivasapura 28.5km from the proposed lease area.
	d	Water Bodies	-
	e	Other Specify	-
16	Applicability of General Condition of the EIA Notificati		

	on, 2006	
17	Details of Land Use in Ha	
	<b>Sl. No.</b>	<b>Particulars</b>
	1	Quarry workings
	2	Waste dumps
	3	Roads
	4	Mineral storage
	5	Buffer zone
	6	Infrastructure
	<b>Total</b>	<b>6.00</b>
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 5.0 KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc.
	b Requirement of Water in KLD	
		Dust Suppuration
		Domestic
		Other
		<b>Total</b>
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 235<sup>th</sup> meeting held on 03-12-2019 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 02-08-2019 for 20 years.

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 the proposed proved quantity of 1282008tons or 493080cum can be mined safely and scientifically to a quarry pit depth of 25meters for a lease period.

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

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 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.25.00 lakhs to take up rejuvenation of Gudisivaripalli kere which is at a distance of 2.6KM from the lease area.

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

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

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

**235.18** Building Stone Quarry Project at Sy.No.67/\*/2 of Keroor Village, Bhalki Taluk, Bidar District (3-00 Acres) by **M/s.Mehul Construction Co.Pvt. Ltd. (SEIAA 737 MIN2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Mehul Construction Co Pvt Ltd Vishnavi Colony Naubad Bidar, Karnataka- 585401 +91-9900163198



2	Name & Location of the Project	Keroor Building Stone Quarry Keroor Village Bhalki Taluk Bidar District.		
3	Co-ordinates of the Project Site	Co-Ordinates in ddd°mm.mmm' Datum: WGS 84		
			Latitude	Longitude
		A	N18° 02' 10.20"	E77° 18' 49.00"
		B	N18° 02' 10.30"	E77° 18' 48.00"
		C	N18° 02' 10.40"	E77° 18' 47.00"
		D	N18° 02' 10.70"	E77° 18' 45.60"
		E	N18° 02' 14.60"	E77° 18' 47.10"
F	N18° 02' 14.20"	E77° 18' 50.10"		
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.2 Ha		
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	50000 TPA		
12	Quantity of Topsoil/Over burden in cubic meter	2340		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	2000 TPA		
14	Project Cost (Rs. In Crores)	87.3 Lakh		
15	Environmental Sensitivity			
	a) Nearest Forest	Dhanur RF 7.5 KM towards W		

	b	Nearest Human Habitation	Keroorvillage -1.5 km N	
	c	Educational Institutes, Hospital	BidarDistrict -20.0 km	
	d	Water Bodies	Manjara River - 8.2 KM towards NE. Seasonal nalla -0.5 KM towards S	
	e	Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006		No	
17	Details of Land Use in Acre-G			
	a	Area for Mining/ Quarrying	2-12	
	b	Waste Dumping Area	--	
	c	Top Soil Storage Area	-	
	d	Mineral Storage Area	-	
	e	Infrastructure Area	--	
	f	Road Area	-	
	g	Safety zone	0-28	
	h	Unexplored area		
		Total	3.00	
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	8.0
			Domestic	1.0
			Other	1.0
			Total	10.0
20	Storm water management plan		Drains will be constructed along the boundary of activity area	
21	Any other information specific to		Nil	

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 235<sup>th</sup> meeting held on 03-12-2019 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 application for land conversion has been submitted and this is under process. The lease has been notified on 21-09-2019 for 20 years.

As seen from the quarry plan there is a level difference of 4 meters within the mining area and taking this into consideration, the committee opined that 50% of the proposed proved quantity of 529500tons or 199060cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

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

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 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.5.00 lakhs to take up rejuvenation of Keroor kere which is at a distance of 1.2KM 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.
3. Only registered labours should be employed.

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



**235.19 Ordinary Sand Quarry Project at Sy.Nos.140/1B, 141/3, 141/4, 141/5 of Hebballi Village, Badami Taluk, Bagalkot District (5-17 Acres) by Sri G.P. Patil (SEIAA 738 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	Sri G P Patil S/o Prabhugouda, No 7- 42B/c, KariyammaKallaBadavene Gadag-582101 Ph: +91-8197007407	
2	Name & Location of the Project	Ordinary Sand Quarry 140/1B, 141/3, 141/4, 141/5 Hebballi Village Badami Taluk Bagalkot District	
3	Co-ordinates of the Project Site	Co-Ordinates in ddd°mm.mmm' Datum: WGS 84	
		Latitude	Longitude
	A	N15 49 43.5	E75 45 49.2
	B	N15 49 43.2	E75 45 51.5
	C	N15 49 53.1	E75 45 50.8
	D	N15 49 53.9	E75 45 48.3
4	Type of Mineral	<b>Ordinary Sand</b>	
5	New / Expansion / Modification / Renewal	New	
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.	
7	Whether the project site fall within ESZ/ESA	No	
8	Area in Ha	2.20 Ha	
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	Actual Depth is More than 5 Mts,	
10	Depth of Sand proposed to be removed	3 mts	
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	Fresh Land	

	quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	28500 TPA
14	Quantity of Topsoil/Over burden in cubic meter	5700 Cum Top Soil
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	-
16	Project Cost (Rs. In Crores)	35 Lakh
17	Environmental Sensitivity	
	a. Nearest Forest	Mutalageri Reserve forest 4.0 KM towards N
	b. Nearest Human Habitation	Hebballi village -1.7 km towards NE
	c. Educational Institutes, Hospital	Badami Taluk -20.0 km towards NE
	d. Water Bodies	Malaprabha river 50 Mts towards N
	e. Other Specify	Nil
18	Applicability of General Condition of the EIA Notification, 2006	No
19	Details of Land Use in A-G	
	a. Area for Mining/ Quarrying	4-01
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	-
	d. Mineral Storage Area	-
	e. Infrastructure Area	--
	f. Road Area	-
	g. Safety Zone	1-16
	h. Unexplored area	
	i. Others Specify (Untouched)	-

	<b>Total</b>	<b>5-17</b>	
20	Method of Mining/ Quarrying	Semi Mechanised Quarrying	
21	Water Requirement		
	a Source of water	Near By Agriculture Borwell.	
	b Total Requirement of Water in KLD	Dust Suppuration	9.0
		Domestic	0.5
		Other	0.5
		Total	10.0
22	Storm water management plan	Drains will be constructed along the boundary of activity area	
23	Any other information specific to the project (Specify)		

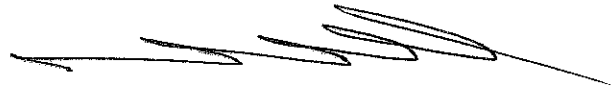
The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 03-12-2019 to provide clarification/additional information.

This is a proposal involving sand mining in patta land. And the proponent has stated that he has obtained NOCs from forest, Revenue and he has applied for land conversion and the same is under process. Also the lease has been notified by C&I on 18.07.2019.

As per the statement of the proponent the top level of the sand block is 528meters and this sand block is at a distance of 50meters from malaprabha river the dry weather flow of this is 522meters depth of mining proposed is 3.5meter including top soil depth of 0.5meter .The proponent has stated that he will take up mining sub dividing the block into three sub blocks and taking up mining in each block every year depositing the top soil in the untackled blocks and taking up mining in subsequent blocks after filling the mined block pit with top soil. Taking these into consideration the proposed quantity of 85500 tons can be mined safely and scientifically for a plan period of 3 years.

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



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

As far as approach road is concerned there is an existing cart track road connecting stock yard at a distance of 0.2KM and proceeding further to a total distance of 1.4KM to connect all weather road i.e., Holehalur to menasagi village road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.2.0 lakhs to take up rejuvenation of Hebballi kere which is at a distance of 1.2KM 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.
3. Only registered labours should be employed.

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

**235.20** Pink Granite Quarry Project at Sy.No.10/2/1 of Makapur Village, Lingasugur Taluk, Raichur District (3-29 Acres) by Sri Mailarappa (SEIAA739MIN2019)


Sl. No	PARTICULARS	INFORMATION						
1	Name & Address of the Project Proponent	Sri.Mailarappa G S/o Gyanappa Makapur Village Lingasugur Taluk Raichur District						
2	Name & Location of the Project	Makapur Pink Grinte Quarry Makapur Village Lingasugur Taluk Raichur District						
3	Co-ordinates of the Project Site	<table border="1"> <tr> <td colspan="2">Co-Ordinates in ddd°mm.mmm'</td> </tr> <tr> <td colspan="2">Datum: WGS 84</td> </tr> <tr> <td>Latitude</td> <td>Longitude</td> </tr> </table>	Co-Ordinates in ddd°mm.mmm'		Datum: WGS 84		Latitude	Longitude
Co-Ordinates in ddd°mm.mmm'								
Datum: WGS 84								
Latitude	Longitude							

		A	N15° 55' 41.5"	E76° 22' 13.00"
		B	N15° 55' 37.20"	E76° 22' 13.90"
		C	N15° 55' 36.80"	E76° 22' 09.70"
		D	N15° 55' 40.00"	E76° 22' 09.50"
		E	N15° 55' 41.40"	E76° 22' 10.80"
4	Type of Mineral	Pink Granite		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.488 Ha		
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	1800Cum		
12	Quantity of Topsoil/Over burden in cubic meter	2300 Cum		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	8464 TPA		
14	Project Cost (Rs. In Crores)	3.39 Cr		
15	Environmental Sensitivity			
	a	Nearest Forest	No forest within 10.0 KM radius	
	b	Nearest Human Habitation	Makapur village -1.0 km	
	c	Educational Institutes, Hospital	Lingasugur Taluk -30.0 km	



	d	Water Bodies	Maski River-1.2 km (SE) Seasonal nala 0.5 KM (W)	
	e	Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006		No	
17	Details of Land Use in A-G			
	a	Area for Mining/ Quarrying	1-20	
	b	Waste Dumping Area	0-34	
	c	Top Soil Storage Area	-	
	d	Mineral Storage Area	0-06	
	e	Infrastructure Area	0-04	
	f	Road Area	-	
	g	Safety zone	0-35	
	h	Unexplored area		
	i	Others Specify (future quarry area)	0-10	
		Total	3-29	
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	8.0
			Domestic	1.0
			Other	1.0
			Total	10.0
20	Storm water management plan		Drains will be constructed along the boundary of activity area	
21	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 235<sup>th</sup> meeting held on 03-12-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments, Land conversion order. And as far as lease notification to be issued from C&I dept. the proponent has stated that it is in final stages.

As seen from the quarry plan there is a level difference of 4 meters and taking this into consideration committee opined that the proposed proved gross quantity of 30372cum can be mined safely and scientifically within the lease period to a depth of 6meters. The proponent has stated that the recovery is 30% in the form of commercial blocks i.e.,9090cum and 20% in the form of Khundus i.e 6000cum , 25% building stone i.e 7500cum and balance of 25% i.e 7500cum being waste and for which the proponent has stated that he has earmarked 34guntas of land within the lease area to handle the waste and all these factors are reflected in the approved mining plan.

As per the cluster sketch prepared by DMG there are 4 leases including this lease within the 500 meters radius from this lease and out of these two leases with an area of 3 Acres for which the ECs were issued prior to 15.01.2016 and based on this the proponent has claimed exemption for these leases from cluster effect. The area of balance two leases including this lease being 7Acre 34 Guntas and which being less than the threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

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

As far as CER is concerned the proponent has stated that he has earmarked Rs.5.0Lakhs to take up rejuvenation of Makapur water pond which is at a distance of 900meters from the lease area.

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

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

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

**235.21** Building Stone Quarry Project at Sy.No.168 of Anthapur Village, Sandur Taluk, Ballari District (1-00 Acre) by **Sri P Pradeep Kumar (SEIAA 740 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Sri P Pradeep Kumar</b> 46/3, Ward No. 28, Behind Ashirwad School, Contonment, Ballari		
2	Name & Location of the Project	Building stone quarry of <b>Sri P Pradeep Kumar</b> Sy. No-168, of Anthapur Village, Sandur Taluk, Ballari District, Karnataka.		
3	Co-ordinates of the Project Site	<b>P.No.</b>	<b>Latitude</b>	<b>Longitude</b>
		Boundary point-A	N 15°07'05.5"	E 76°42'18.2"
		Boundary point-B	N 15°07'04.8"	E 76°42'19.1"
		Boundary point-C	N 15°07'03.0"	E 76°42'15.9"
		Boundary point-D	N 15°07'03.8"	E 76°42'15.0"
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		

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	Annual Production Proposed (Metric Tons/ CUM) / Annum	<b>Year</b>	<b>Saleable Building Stone in Tonnes</b>
		1 <sup>st</sup>	15,491
		2 <sup>nd</sup>	19,388
		3 <sup>rd</sup>	21,787
		4 <sup>th</sup>	22,886
		5 <sup>th</sup>	31,181
	<b>Total</b>	<b>1,10,734</b>	
12	Quantity of Topsoil/Overburden in cubic meter	-	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	5540 tones for five years	
14	Project Cost (Rs)	10lakhs.	
15	Environmental Sensitivity		
	a	Nearest Forest	
	b	Nearest Human Habitation	Anthapur 1.5 km from the proposed lease area.
	c	Educational Institutes, Hospital	Sandur 17.1 km from the proposed lease area.
	d	Water Bodies	No
	e	Other Specify	No

16	Applicability of General Condition of the EIA Notification, 2006																						
17	Details of Land Use in Acres																						
	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Particulars</th> <th>Proposed landuse</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Area to be excavated</td> <td>0.40</td> </tr> <tr> <td>2</td> <td>Waste dump yard</td> <td>0.15</td> </tr> <tr> <td>3</td> <td>Infrastructure</td> <td>0.05</td> </tr> <tr> <td>4</td> <td>Roads</td> <td>0.10</td> </tr> <tr> <td>5</td> <td>Green belt</td> <td>0.30</td> </tr> <tr> <td colspan="2"><b>Total</b></td> <td><b>1.00</b></td> </tr> </tbody> </table>	Sl. No.	Particulars	Proposed landuse	1	Area to be excavated	0.40	2	Waste dump yard	0.15	3	Infrastructure	0.05	4	Roads	0.10	5	Green belt	0.30	<b>Total</b>		<b>1.00</b>	
Sl. No.	Particulars	Proposed landuse																					
1	Area to be excavated	0.40																					
2	Waste dump yard	0.15																					
3	Infrastructure	0.05																					
4	Roads	0.10																					
5	Green belt	0.30																					
<b>Total</b>		<b>1.00</b>																					
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	As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 3KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc.																					
	b Requirement of Water in KLD	<table border="1"> <tbody> <tr> <td>Dust Suppuration</td> <td>1.0</td> </tr> <tr> <td>Domestic</td> <td>1.0</td> </tr> <tr> <td>Green belt</td> <td>1.0</td> </tr> <tr> <td><b>Total</b></td> <td><b>3.0</b></td> </tr> </tbody> </table>	Dust Suppuration	1.0	Domestic	1.0	Green belt	1.0	<b>Total</b>	<b>3.0</b>													
Dust Suppuration	1.0																						
Domestic	1.0																						
Green belt	1.0																						
<b>Total</b>	<b>3.0</b>																						
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 235<sup>th</sup> meeting held on 03-12-2019 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 04-03-2017 for 20 years.

As seen from the quarry plan there is a level difference of 50 meters within the mining area and taking this into consideration, the committee opined that 40% of the proposed proved quantity of 324755tons or 129980cum can be mined safely and scientifically to a quarry pit depth of 6meters for a lease period.

As per the extended combined sketch prepared by DMG there are 10 leases including this lease within 500 meter radius from this lease. Out of these 9 leases were granted prior to 9.9.2013 and based on this the proponent has claimed exemption for these leases from cluster effect. The total area of the remaining one lease which is covered under this proposal is being 1Acre 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 1.5KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.00 lakhs to take up rejuvenation of Vaddu kere which is at a distance of 6.3KM from the lease area.

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

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

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

**235.22** Building Stone Quarry Project at Sy.No.168 of Anthapur Village, Sandur Taluk, Ballari District (2.60 Acre) (Q.L.450) by Sri P Pradeep Kumar (SEIAA 741 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
--------	-------------	-------------

1	Name & Address of the Project Proponent	<b>Sri P Pradeep Kumar</b> 46/3, Ward No. 28, Behind Ashirwad School, Contonment, Ballari		
2	Name & Location of the Project	Building stone quarry of <b>Sri P Pradeep Kumar</b> Sy. No-168, of Anthapur Village, Sandur Taluk, Ballari District, Karnataka.		
3	Co-ordinates of the Project Site	<b>P.No.</b>	<b>Latitude</b>	<b>Longitude</b>
		Boundary point-A	N 15°07'05.3"	E 76°42'13.3"
		Boundary point-B	N 15°07'01.2"	E 76°42'17.9"
		Boundary point-C	N 15°06'59.7"	E 76°42'16.6"
3	Co-ordinates of the Project Site	Boundary point-D	N 15°07'02.9"	E 76°42'12.9"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	Existing		
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	1.053 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	Annual Production	Year	Saleable Building Stone	

	Proposed (Metric Tons/ CUM) / Annum		<b>in Tonnes</b>	
		1 <sup>st</sup>	Nil	
		2 <sup>nd</sup>	Nil	
		3 <sup>rd</sup>	Nil	
		4 <sup>th</sup>	72,457	
		5 <sup>th</sup>	72,457	
		<b>Total</b>	<b>1,44,914</b>	
12	Quantity of Topsoil/Over burden in cubic meter	-		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	7250 tones for two years		
14	Project Cost (Rs)	25lakhs.		
15	Environmental Sensitivity			
	a	Nearest Forest		
	b	Nearest Human Habitation	Anthapur 1.4km from the proposed lease area.	
	c	Educational Institutes, Hospital	Sandur 17.1 km from the proposed lease area.	
	d	Water Bodies	No	
	e	Other Specify	No	
16	Applicability of General Condition of the EIA Notification , 2006			
17	Details of Land Use in Acres			
	<b>Sl. No.</b>	<b>Particulars</b>	<b>Proposed landuse</b>	
	1	Area to be excavated	1.45	
	2	Waste dump yard	0.20	
	3	Infrastructure	0.05	
	4	Roads	0.10	



		5	Green belt	0.80	
		<b>Total</b>		<b>2.60</b>	
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	As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 4KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc.			
	b Requirement of Water in KLD	Total	Dust Suppuration	1.5	
			Domestic	1.0	
			Green belt	1.5	
			<b>Total</b>	<b>4.0</b>	
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 235<sup>th</sup> meeting held on 03-12-2019 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. The lease has been granted earlier on 26.08.2008 for a period of 5 Years i.e up to 2013 and this was for the mining area of 3Acres now this renewal proposal is for 2.6Acres preserving the balance land for safe zone for installing crusher. The proponent has stated that he has carried out mining up to 2013-14 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 2028 as per the amendment to KMMCR Rules.

As seen from the quarry plan there is a level difference of 50 meters within the mining area and taking this into consideration and also the fact that he has mined 18211tons the committee opined that 40% of the proposed proved quantity of

1190286tons or 476400cum 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 10 leases including this lease within 500 meter radius from this lease. Out of these 9 leases including this lease were granted prior to 9.9.2013 and based on this the proponent has claimed exemption for these leases from cluster effect. The committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1.6KM 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 Vaddu kere which is at a distance of 6.5KM from the lease area.

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

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

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

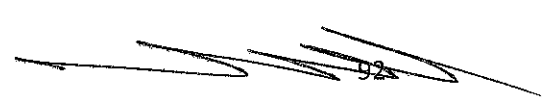
2.15PM-6.00PM

**235.23** Grey Granite Quarry Project at Sy.No.407/4 of Mudugal Village, Lingasugur Taluk, Raichur District (4-00 Acres) by **Sri Ramanagowda (SEIAA 742 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	<b>Sri. Ramanagowda</b> Shirshayad Village Indi Taluk Vijayapura District Karnataka State

2	Name & Location of the Project	Grey Granite quarry of <b>Sri. Ramanagowda</b> Sy. No - 407/4, Mudugal Village, Lingasugur Taluk, Raichur District, Karnataka.		
3	Co-ordinates of the Project Site	<b>P.No.</b>	<b>Latitude</b>	<b>Longitude</b>
		Boundary point-A	N 15°59'11.5"	E 76°27'49.3"
		Boundary point-B	N 15°59'10.7"	E 76°27'50.6"
		Boundary point-C	N 15°59'01.5"	E 76°27'46.8"
		Boundary point-D	N 15°58'59.6"	E 76°27'44.8"
	Boundary point-E	N 15°59'00.0"	E 76°27'44.4"	
4	Type of Mineral	Grey Granite		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.618 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	Annual	<b>Year</b>	<b>Saleable</b>	

	Production Proposed (Metric Tons/ CUM) / Annum		<b>Building Stone in Tonnes</b>
		1 <sup>st</sup>	2425
		2 <sup>nd</sup>	2795
		3 <sup>rd</sup>	3003
		4 <sup>th</sup>	3280
		5 <sup>th</sup>	3500
		<b>Total</b>	<b>15,003</b>
12	Quantity of Topsoil/Over burden in cubic meter	11,220 cum for five years	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	27,864cum for five years	
14	Project Cost (Rs)	50lakhs.	
15	Environmental Sensitivity		
	a	Nearest Forest	
	b	Nearest Human Habitation	Piklihal 2.2km from the proposed lease area.
	c	Educational Institutes, Hospital	Mudugal 3.8km from the proposed lease area.
	d	Water Bodies	Maski river - 1.9 Km (SE) Mudugal Lake - 2.9 Kms (NW)
	e	Other Specify	No
16	Applicability of General Condition of the EIA Notification, 2006		
17	Details of Land Use in Acres		



		Sl. No.	Particulars	Proposed land use in Acres
		1	Area to be excavated	2-00
		2	Waste dump yard	0-25
		3	Infrastructure	0-01
		4	Roads	0-02
		5	Green belt	0-37
		6	Mineral storage	0-15
		<b>Total</b>		<b>4-00</b>
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	As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 6.5KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc.		
	b Requirement of Water in KLD	Dust Suppuration	2.5 KLD	
		Domestic	1.5 KLD	
		Green belt	2.5 KLD	
		<b>Total</b>	<b>6.5 KLD</b>	
20	Storm water managemen t 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 235<sup>th</sup> meeting held on 03-12-2019 to provide clarification/ additional information.

As per the extended combined sketch prepared by DMG there are 21 leases including this lease within 500 meter radius from this lease. And combined area of these being 74Acres 21 guntas and this being more than the threshold limit of 5Ha the committee decided to categorise this project under B1 category and decided to recommend for issue of standard ToRs as per the EIA notification 2006. Also it is decided to issue following additional ToRs

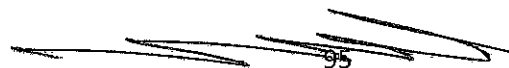
- 1) Waste management in the surrounding areas may be studied and submitted.
- 2) Since this is a vast area effective measures to mitigate the dust and noise may be worked out and submitted.

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

**235.24** Black Granite Quarry Project at Sy.No.185/2 of Hanumanthapura Village, Nanjangudu Taluk & Mysore District (5-21 Acres) by **Sri Sheshaboina Gopal** (SEIAA 743 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Sri Sheshaboina Gopal</b> S/o. Lt. Sheshaboina Venkaiah Near GVS Rice mill Chamarajanagara town and District Karnataka-571313		
2	Name & Location of the Project	Black Granite quarry of <b>Sri Sheshaboina Gopal</b> Sy. No. 185/2, Hanumanthapura village, Nanjangudu Taluk, Mysore District, Karnataka.		
3	Co-ordinates of the Project Site	<b>P.No.</b>	<b>Latitude</b>	<b>Longitude</b>
		Boundary point-A	N 12°03'34.6"	E 76°51'24.1"
		Boundary point-B	N 12°03'33.2"	E 76°51'32.5"
		Boundary point-C	N 12°03'30.6"	E 76°51'32.2"
		Boundary point-D	N 12°03'31.3"	E 76°51'25.8"
Boundary point-E	N 12°03'32.8"	E 76°51'23.8"		
4	Type of Mineral	Black Granite		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue,	Patta land		

	Gomal, Private/P atta, Other]			
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	2.24 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	Annual Productio n Proposed (Metric Tons/ CUM) / Annum	<b>Year</b> <b>Saleable</b> <b>Black</b>		
			<b>Granite</b>	<b>in</b>
			<b>Tonnes</b>	
		1 <sup>st</sup>	10,845	
		2 <sup>nd</sup>	10,845	
		3 <sup>rd</sup>	10,845	
4 <sup>th</sup>	10,845			
5 <sup>th</sup>	10,845			
	<b>Total</b>	<b>54,225</b>		
12	Quantity of Topsoil/ Over burden in cubic meter	-		



13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,26,525 tones for five years	
14	Project Cost (Rs)	50lakhs.	
15	Environmental Sensitivity		
	a	Nearest Forest	
	b	Nearest Human Habitation	Paduvala Agrahara 0.6km from the proposed lease area.
	c	Educational Institutes, Hospital	Badanaguppe 10km from the proposed lease area.
	d	Water Bodies	Ummathur lake at 4.6 km
	e	Other Specify	No
16	Applicability of General Condition of the EIA Notification, 2006		
17	Details of Land Use in Acres		
	<b>Sl. No.</b>	<b>Particulars</b>	<b>Proposed landuse</b>
	1	Area to be excavated	2-10
	2	Waste dump yard	1-00
	3	Office	0-10
	4	Rest Shelter	0-11
	5	Mineral storage	0-16
	6	Green belt	1-14
	<b>Total</b>		<b>5-21</b>
18	Method of	Method of Mining is Semi-Mechanized with Open Cast Method.	



	Mining / Quarrying	The mining operation involves drilling, loading and unloading	
19	Water Requirement		
	a Source of water	As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 5.5KL/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	2.0
		Domestic	1.5
		Green belt	2.0
		<b>Total</b>	<b>5.5</b>
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 235<sup>th</sup> meeting held on 03-12-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments ,Land conversion order. And lease yet to be notified by C&I.

As seen from the quarry plan there is a level difference of 4 meters and taking this into consideration committee opined that 60% of the proposed proved gross quantity of 206718cum can be mined safely and scientifically within the lease period to a depth of 20meters. The proponent has stated that the recovery is 30% in the form of commercial blocks i.e., 37209cum and 70% is waste i.e 86821cum for which the proponent has stated that he will handle this waste using 1Acre earmarked for waste handling and buffer zone area.

As per the cluster sketch prepared by DMG there are no other leases within the 500 meters radius from this lease. The area of this lease being 5Acre 21 Guntas and which

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

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 0.30KM 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.7.0Lakhs to take up rejuvenation of Ummathur lake which is at a distance of 4.6KM from the lease area.

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

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

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

**235.25** Building Stone Quarry Project at Sy.No.22 of Perumenhalli Village, Tarikere Taluk, Chikkamagaluru District (1-00 Acre) by **Sri M. Sunil (SEIAA 744 MIN2 019)**

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

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

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

**235.26** Building Stone Quarry Project at Sy.No.88 of Manchegowdanapalya Village, Ramanagara Taluk & District (1-00 Acre) by **Sri Thimmappa (SEIAA 745 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
--------	-------------	-------------

1	Name & Address of the Project Proponent	<b>Sri Thimmappa</b> S/o Thimmaiah, Seebakatte Village, Manchegowdanapalya Post, Ramanagara Taluk and District.		
2	Name & Location of the Project	<b>Building stone quarry of Sri Thimmappa</b> Sy. No - 88, Manchegowdanapalya Village, Ramanagara Taluk and District, Karnataka		
3	Co-ordinates of the Project Site	P.No.	Latitude	Longitude
		Boundary point-A	N 12°43.714'	E 77°22.379'
		Boundary point-B	N 12°43.693'	E 77°22.385'
		Boundary point-C	N 12°43.691'	E 77°22.326'
Boundary point-D	N 12°43.710'	E 77°22.324'		
4	Type of Mineral	Building Stone.		
5	New / Expansion / Modification / Renewal	Existing.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta , Other]	Government Gomala Land.		
7	Whether the project site fall within ESZ/ESA	-		
8	Area in Ha	1-00 acre		
9	Actual Depth of sand in the lease area in case of River sand	-		
10	Depth of Sand proposed to be removed	-		

11	Annual Production Proposed (Metric Tons/ CUM) / Annum	<b>Year</b>	<b>Saleable Building Stone in Tonnes</b>
		1st	15,464
		2nd	14,496
		3rd	18,042
		4th	13,402
		5th	16,753
		<b>Total</b>	<b>78,157</b>
12	Quantity of Topsoil/Over burden in cubic meter	-	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1592 tons for five years	
14	Project Cost (Rs)	10lakhs.	
15	Environmental Sensitivity		
	a Nearest Forest		
	b Nearest Human Habitation	Manchegowdanapalya 1.0 km from the proposed lease area.	
	c Educational Institutes, Hospital	Ramanagara 10.0 km from the proposed lease area.	
	d Water Bodies	-	
	e Other Specify	-	
16	Applicabil ity of General Condition of the EIA Notificatio n, 2006		
17	Details of Land Use in Acre		

		Sl. No.	Particulars	Area in Acres
		1	Quarry workings	0-30
		2	Waste dumps/Mineral storage	0-01
		3	Roads/Infrastructure	0-01
		4	Proposed buffer zone	0-18
		<b>Total</b>		<b>1-00</b>
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	As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 3.0KL/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	1.0	
		Other	1.0	
		<b>Total</b>	<b>3.0</b>	
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 235<sup>th</sup> meeting held on 03-12-2019 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. by virtue of getting approved from district task force on 09.01.2015. The lease has been granted earlier on 11.03.2005 for a period of 5 Years i.e up to 2010. The proponent has stated that he has carried out mining up to 2013-14 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 20 meters within the mining area and taking this into consideration and also the fact that he has mined 10620tons the committee opined that 45% of the proposed proved quantity of 168175tons or 65250cum can be mined safely and scientifically to a quarry pit depth of 6meters for a lease period.

As per the extended combined sketch prepared by DMG there are 14 leases including this lease within 500 meter radius from this lease. Out of these ECs for 8 leases were granted prior to 15.01.2016 and based on this the proponent has claimed exemption for these leases including this lease from cluster effect. In view of the above the committee decided to categorize this project under B2 and proceeded with the appraisal accordingly.

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

As far as CER is concerned the proponent has stated, that he will earmark Rs.1.5 lakhs to take up rejuvenation of Uragalli lake which is at a distance of 1.0KM from the lease area.

The proponent has stated that the project is situated at 6.7KM from ESZ of Ramadevarabetta Vulture Sanctuary, 16.9KM from the BNP and 34.2KM from Cauvery wildlife sanctuary. AS far as getting the NOCs from the PCCF wildlife the proponent has stated that he has obtained NOCs for the neighbouring Bennahalli lease area which is 900meters away from the lease area which is under consideration. As per the NOC issued for Bennahalli lease area of QL -991 in Sy No 25 the distance between the Ramadevarabetta Vulture sanctuary is 7.12KM and proponent stated that he will obtain NOC for the lease area which is under consideration also and submit the same to the authority.

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

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

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



**235.27** Sangal Ordinary Sand Quarry Project at Sy.Nos.8/2, 8/3 of Sangal Village, Ramadurga Taluk, Belgaum (5-00 Acres) by **Sri Asif D. Bagojikoppa (SEIAA 746 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Sri Asif D Bagojikoppa,</b> #1241/1,Huded Oni Savadatti Belgaum-591126		
2	Name & Location of the Project	alVillage adurga Taluk Belgaum District Karnataka		
3	Co-ordinates of the Project Site	BP Points	Lattitude	Longitude
		A	15°53'28.1"	75°26'41.8"
		B	15°53'24.6"	75°26'41.9"
		C	15°53'24.6"	75°26'47.5"
		D	15°53'27.5"	75°26'48.1"
		E	15°53'27.7"	75°26'48.1"
		F	15°53'28.2"	75°26'48.1"
4	Type of Mineral	Ordinary Sand in patta land		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Land.		

7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	5.00 Acre(2.02 Ha) Sy No:8/2,8/3
9	Actual Depth of building stone in the lease area /Patta Land building stone	Depth of ordinary sand in Private land -3mt( below top soil-0.2mt).
10	Depth of buildingstone proposed to be removed	Depth of ordinary sand proposed-3mt (below top soil-0.2mt)
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Ordinary Sand -37995TPA,Proposed 02 years-75990 tons
12	Quantity of Topsoil/Over burden in cubic meter	Top soil- 3352 TPA
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil
14	Project Cost (Rs. In Crores)	50 Lakh
15	Environmental Sensitivity	
	a. Nearest Forest	Nil with in 5km.
	b. Nearest Human Habitation	Sangal-1.0 km
	c. Educational Institutes, Hospital	Ramadurga-20km
	d. Water Bodies	Malprabha River average from applied area-170mt
	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	3-29
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	--
	e. Infrastructure Area	--
	f. Road Area	0-01
	g. Green Belt Area	--
	h. Others Specify Safety Zone	1-10
	Total	5.0 Acre (2.02)
18	Method of Mining/	Semi Mechanised Quarrying



		Quarrying		
19	Water Requirement			
	a.	Source of water	Near By own Borewell.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	7.0
			Domestic	1.5
			Other	1.5
			Total	10.0
20	Storm water management plan		--	

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

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 03-12-2019 to provide clarification/additional information.

This is a proposal involving sand mining in patta land. And the proponent has stated that he has obtained NOCs from forest, Revenue and he has applied for land conversion and the same is under process. Also the lease has been notified by C&I on 27.12.2018.

As per the statement of the proponent the top level of the sand block is 546meters and this sand block is at a distance of 180meters from malaprabha river the dry weather flow of this is 541meters depth of mining proposed is 3.25meter including top soil depth of 0.25meter .The proponent has stated that he will take up mining sub dividing the block into two sub blocks and taking up mining in each block every year depositing the top soil in the untackled blocks and taking up mining in subsequent block after filling the mined block pit with top soil. Taking these into consideration the proposed quantity of 75990 tons can be mined safely and scientifically for a plan period of 2 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 500meters 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 500meters and proceeding further to a total distance of 600meters to connect all weather road i.e., Sangal to Karlkoppa village road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.2.0 lakhs to take up rejuvenation of Sangal water pond which is at a distance of 1.0KM from the lease area.

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

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

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

**235.28** Building Stone Quarry Project at Sy.No.134(P) of Marle Village, Chikkamagaluru Taluk & District (10-00 Acres) by M/s. Sri Deviramma Stone Crusher (SEIAA 747 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s. Deviramma Stone Crusher Pro-Anusuya (GPA Holder- H.B. Sudharshan) C/o Ramaya Gowda Marle Village, Chikkamagaluru Taluk Chikkamagaluru District, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 10-00 Acres of Govt. Gomala Land bearing Sy. No. 134(Part) Marle Village, Chikkamagaluru Taluk & District, Karnataka.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°17'39.5"	E 75°52'04.4"
		B	N 13°17'37.3"	E 75°52'15.5"
		C	N 13°17'33.0"	E 75°52'13.5"
D	N 13°17'35.9"	E 75°52'04.1"		
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Govt. Gomala Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	10-00 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	5,00,949 (Avg.) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	21,000 Tons/ Annum
16	Project Cost (Rs. In Crores)	0.060
17	Environmental Sensitivity	
	a. Nearest Forest	Sindigere State Forest-6.87 Km NE Churchi gudda State Forest-7.27 Km NW Kalasapura RF 870m
	b. Nearest Human Habitation	Marle - 2.00 Km
	c. Educational Institutes, Hospital	Chikkamagaluru 10.0Km
	d. Water Bodies	Kalasapura Reserve Forest-940m Nagarahalli Kere-3.44 Km S Marle Kere-1.05 Km SW Giddenahalli Kere-2.89 Km W Kurubanahalli Kere-2.75 Km W Hosakote Kere-1.8 Km W-NW Lakya Kere-3.9 Km N-NW Sadarahalli Kere-7.62 Km N-NE Kalasapura Kere-6.82 Km E-NE Hanike Kere-5.8 Km S-SE Karagada Kere-6.43 Km S-SW Bandahalli Kere-5.91 Km S-SW Hejjigenahalli Kere-7..23 Km Sw Ambale Kere-7.6 Km W-Sw Kartikere Kere-5.67 Km W-NW Kuruvangi Kere-5.9 Km W-NW

		Yagachi River-9.5 Km S-SW
	e. Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	8-00
	b. Waste Dumping Area	0-05
	c. Top Soil Storage Area	0-05
	d. Mineral Storage Area	0-05
	e. Infrastructure Area	-
	f. Road Area	0-05
	g. Green Belt Area	-
	h. Unexplored area	1-20
	i. Others Specify	-
20	Method of Mining/ Quarrying	Opencast Semi-mechanized
21	Rate of Replenishment in case River sand project	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 235<sup>th</sup> meeting held on 03-12-2019 to provide clarification/additional information.

The committee noted that this is a fresh lease involving mining of M-Sand(Building stone) in Govt land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept. The lease has been notified on 06-08-2019 for 20 years.

As seen from the quarry plan there is a level difference of 65 meters within the mining area and taking this into consideration, the committee opined that the proposed proved quantity of 2656300tons or 1010000cum can be mined safely and scientifically to a quarry pit depth of 6meters for a lease period.

As per the extended combined sketch prepared by DMG there are 6 leases including this lease within 500 meter radius from this lease. Out of these 5 leases were granted prior to 9.9.2013 and based on this the proponent has claimed exemption for these leases from cluster effect. The total area of the remaining one lease which is covered under this proposal is being 10Acre 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 0.5KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.55.00 lakhs to take up rejuvenation of Marle kere which is at a distance of 1.05KM from the lease area.

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

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

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

**235.29** Building Stone Quarry Project at Sy.No.1 of Muddanahalli Village, Hoskote Taluk, Bengaluru Rural District (1-24 Acres) (0-32+0-32 Acres) by M/S. Nanjundeswara Building Material Suppliers (SEIAA 748 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s. Nanjundeswara Building Material Suppliers Partner. Sri. N. Shanmugam S/o. Sri. Nataraju No. 26, Chikkabasavanapura Veergonagar Post, Bengaluru-560049		
2	Name & Location of the Project	Building Stone Quarrying in 1-24 acres Sy. No. 01 of Muddanahalli village, Hosakote Taluk, Bengaluru Rural District, Karnataka.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°11'28.9"	E 77°54'42.9"
		B	N 13°11'25.6"	E 74°54'42.7"
		C	N 13°11'25.0"	E 74°54'40.3"
	D	N 13°11'28.6"	E 74°54'41.2"	
4	Type of Mineral	Amalgamation Building Stone		
5	New / Expansion / Modification / Renewal	Renewal(QL Nos. 1676 & 1685)		
6	Type of Land [ Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Gomala Land		
7	Whether the project site fall within	No		

	ESZ/ESA	
8	Area in Acres	1-24 Acres
9	Actual Depth of sand in the lease area in case of River sand	-
10	Depth of Sand proposed to be removed in case of River sand	-
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	10207 Tons/Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	208 Tons/Annum
16	Project Cost (Rs. In Crores)	0.20
17	Environmental Sensitivity	
	a. Nearest Forest	Nandagudi SF 2.0 Km W Dodharadi RF 4.63 Km N-NW Yeshwanthapura RF 7.97 Km SW
	b. Nearest Human Habitation	Muddanahalli village-0.80Km
	c. Educational Institutes, Hospital	Hosakote-17.50 Km
	d. Water Bodies	Banahalli Kere 2.41 Km N Siddanahalli Kere 2.40 Km NE Oddahalli Kere 1.5 Km NE Nelvagal Kere 3.54 Km NE Hosahalli Kere 1.00 KM E-SE Naduvinpura Kere 1.93 Km SE Narasapura Kere 3.36 Km SE Shivanapura Kere 3.19 Km S Hindigonal Kere 2.41 Km N-NE Hanumantapura Kere 5.47 Km NE Kamandanahalli Kere 7.6 Km E-NE Mallappanahalli Kere 6.14 Km E-NE Kurugol Kere 8.94 Km E-SE Yelachechahalli Kere 5.65 Km S Mugbal Kere 7.25 Km S-SW Dodda Araligere Kere 6.23 Km W Chikkaballa Kere 9.10 Km NW
	e. Other Specify	

18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	0-36
	b. Waste Dumping Area	-
	c. Top Soil Storage Area	-
	d. Mineral Storage Area	-
	e. Infrastructure Area	-
	f. Road Area	-
	g. Green Belt Area	0-21
	h. Unexplored area	0-07
	i. Others Specify	-
20	Method of Mining/ Quarrying	Opencast Semi-mechanized
21	Rate of Replenishment in case River sand project	-

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 235<sup>th</sup> meeting held on 03-12-2019 to provide clarification/additional information.

This is a proposal involving amalgamation of 2 earlier leases of 32guntas each and amalgamation notification for the same was issued on 06.07.2019. Now this proposal is for the amalgamated area of 1Acre 24guntas.

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. The leases has been granted earlier on 30.01.2002 and 06.02.2002 for a period of 5 Years and this gets automatically extended for 20years as per KMMCR rules and it is upto 2022. The proponent has stated that he has carried out mining up to 2001-02 to 2014-15 and no mining activity has taken since then till date and the same has been reflected in the audit report prepared by DMG.

As seen from the quarry plan there is a level difference of 10 meters within the mining area and taking this into consideration and also the fact that he has mined 20476tons the committee opined that 75% of the proposed proved quantity of 140857tons or 53558cum can be mined safely and scientifically to a quarry pit depth of 6meters for a lease period.

As per the extended combined sketch prepared by DMG there are 6 leases including this lease within 500 meter radius from this lease. Out of these 2 leases including this lease were granted prior to 9.9.2013 and based on this the proponent has

claimed exemption for these two leases from cluster effect. The committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is an 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.2.0 lakhs to take up rejuvenation of Hosahalli kere which is at a distance of 1.0KM from the lease area.

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

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

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

**235.30** Building Stone Quarry Project at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk & District(8-00 Acres) (Q.L.No.29 & 30) by M/s. Sri Vinayaka Rock Crystals (SEIAA 749 MIN 2019)

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 03-12-2019 to provide clarification/additional information.

The proponent has requested in writing and also orally to grant him some more time to obtain certified EC compliance. The committee after discussion and deliberation decided to give one more chance and hence deferred.

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

**235.31** Building Stone Quarry Project at Sy.No.1 of Muduganur Kaval Village, Arakalagud Taluk, Hassan District (4-00 Acres) (Q.L.No.516) by Sri M.C. Rangaswamy(SEIAA 750 MIN 2019)

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



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

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

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

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

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

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

**235.33** Building Stone Quarry Project at Sy.No.42 of Tippayyanadurga Village, Pavagada Taluk, Tumkur District (5-00 Acres) (Q.L.No.826) by **M/s. Venkateswara Stone Crusher (SEIAA 752 MIN 2019)**

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

The proponent has requested in writing and also orally to grant him some more time to obtain certified EC compliance. The committee after discussion and deliberation decided to give one more chance and hence deferred.

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

**235.34** Building Stone Quarry Project at Sy.No.172 of Ahobala Agrahara Village, Tumkur Taluk & District (7-00 Acres) by **M/s. Dhanalakshmi Stone Crushers (SEIAA 753 MIN 2019)**

Sl. No	Particulars	Details
1	Name of the Project and Address	M/s Dhanalakshmi Stone Crushers, for "Building Stone" quarry in Sy.No.172 over an extent of 7 Acres located in Ahobala Agrahara Village, Tumkur Taluk, Tumkur District, Karnataka State

2	Address of the client	M/s. Dhanalakshmi Stone Crushers Sri T.L Rajendra, S/o T.L Lakshman, 1st Main, Adarsh Nagar, Tumkur, Karnataka - 572103			
3	GPS Co-ordinates	GPS Readings	Lattitude	Longitude	
		A	13° 26' 10.40800" N	77° 10' 59.28683" E	
		B	13° 26' 10.07853" N	77° 11' 04.81193" E	
		C	13° 26' 04.54030" N	77° 11' 04.45062" E	
	D	13° 26' 04.85531" N	77° 10' 58.94156" 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	Area in Ha	2.83 Ha. (7-00 acres)			
8	Production per Annum	3,00,000Tons			
9	Total Waste Quantity	46,392 Tons for 5 years			
10	Land Use Plan	Sl. No.	Particulars	Area in Sq.m	Area in Acres
		1.	Quarry Area	22,532	5 – 22
		2.	Mineral Storage Yard	800 (Temporary)	0
		3.	Waste Dump Yard	0	0
		4.	Quarry Infrastructure	0	0
		5.	Roads/ Country Track	0	0
		6.	Un trenched area	971	0 – 10
		7.	Buffer Zone	4,824	1 – 08
	<b>Total</b>	<b>28,327</b>	<b>7 - 00</b>		
11	Water Demand	5 KLD			
12	Method of Mining/ Quarrying	Semi Mechanized Method of opencast quarrying			

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 235<sup>th</sup> meeting held on 03-12-2019 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 12-09-2018 for 20 years.

As seen from the quarry plan there is a level difference of 28 meters within the mining area and taking this into consideration, the committee opined that 85% of the proposed proved quantity of 2218465tons or 869611cum can be mined safely and scientifically to a quarry pit depth of 25meters for a lease period.

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

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

As far as CER is concerned the proponent has stated, that he will earmark Rs.35.00 lakhs to take up water supply, sanitation and plantation in Hosahalli Gollarahatti and Devarahatti Gollarahatti which is at a distance of 1.5KM from the lease area.

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

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

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

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

Members present in the meeting:

Shri. N. Naganna	-	Chairman
Dr. B. Chikkappaiah,IFS(R)	-	Member
Dr.N Krishnamurthy	-	Member
Dr. K.B Umesh	-	Member
Shri M. Srinivasa	-	Member
Shri J.G Kaveriappa	-	Member

Dr. Vinod Kumar C.S	-	Member
Shri D. Raju	-	Member
Dr.Venkatesan IFS	-	Secretary

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

- 235.35** Proposed Building Stone Quarry Project at Sy.No.104 of Shyamshettihalli Village, Malur Taluk, Kolar District (Q.L.No.822) (1-10 Acres) by Sri Mahammad Jaffer (SEIAA 754 MIN 2019)

The proponent was invited for the 235<sup>th</sup> meeting held on 04-12-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

- 235.36** Proposed Building Stone Quarry Project at Sy.No.28 of Rangayyana Agrahara Village, Malur Taluk, Kolar District (Q.L.No.732) (1-20 Acres) by Sri Mahammad Jaffer (SEIAA 755 MIN 2019)

The proponent was invited for the 235<sup>th</sup> meeting held on 04-12-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

- 235.37** Proposed Grey Granite Quarry Project at Sy.No.78/3 of Kakkihalli Village, Yelburga Taluk, Koppal District (2.50 Acres) by Sri N. Sharath Reddy (SEIAA 756 MIN 2019)

The proponent was invited for the 235<sup>th</sup> meeting held on 04-12-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

**235.38** Proposed Building Stone Quarry Project at Sy.No.10(P) of Burhanpur Village, Manvi Taluk, Raichur District (2-20 Acres) by Sri Syed Akbar Pasha (SEIAA 757 MIN 2019)

The proponent was invited for the 235<sup>th</sup> meeting held on 04-12-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

**235.39** Proposed Building Stone Quarry Project at Sy.No.169(P) of Madlapur Village, Manvi Taluk, Raichur District (2-20 Acres) by Sri Syed Akbar Pasha (SEIAA 758 MIN 2019)

The proponent was invited for the 235<sup>th</sup> meeting held on 04-12-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

**235.40** Proposed Black Granite Quarry Project at Sy.Nos.215/2, 132/2 & 131/2 of Melur Village, Chamarajanagara Taluk & District (6-00 Acres) by Sri Mohammed Koya (SEIAA 759 MIN 2019)

The proponent was invited for the 235<sup>th</sup> meeting held on 04-12-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

235.41 Proposed Pink Granite Quarry Project at Sy.No.94/1 of Hulgeri Village, Kustagi Taluk, Koppal District (1-20 Acres) by M/s. Shashikiran Udyog (SEIAA 760 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s. Shashikiran Udyog Sri. Nagaraja, S/o. S. Thangadagi, Alampurpet, Ilkal, Hungunda Taluk, Bagalkot District.		
2	Name & Location of the Project	"Pink Granite Quarry" of M/s. Shashikiran Udyog Sy.No. 94/1, Hulgeri Village, Kustagi Taluk, Koppal District, Karnataka		
3	Co-ordinates of the Project Site	Boundary Points	Latitude	Longitude
		A	15° 57' 15.8"	76° 03' 00.6"
		B	15° 57' 15.5"	76° 03' 03.9"
		C	15° 57' 13.2"	76° 03' 03.6"
		D	15° 57' 13.2"	76° 03' 00.2"
4	Type of Mineral	<b>Pink Granite Quarry</b>		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.606 Ha		

9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Pink 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	1,958 Cum/annum
14	Quantity of Topsoil/Overburden in cubic meter	4,050 Cu. m.
15	Mineral Waste Handled (Metric Tons/ CUM)	839 Cum/Annum
16	Project Cost (Rs. In Crores)	1.05 crores
17	Environmental Sensitivity	
	a Nearest Forest	No Forest within 5 Kms
	b Nearest Human Habitation	Hulgeri Village - 0.25 kms (E)
	c Educational Institutes, Hospital	Kustagi - 29.30 kms (SE)
	d Water Bodies	Hoolagere Pond- 0.55 Kms (E)
	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	0.405

	b	Waste Dumping Area	0.150	
	c	Top Soil Storage Area	--	
	d	Mineral Storage Area	0.015	
	e	Infrastructure Area	0.010	
	f	Road Area	0.020	
	g	Green Belt Area/Buffer Zone	0.110	
	h	Unexplored area	0.032	
	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	10.5KLD
			Domestic	1.03 KLD
			Other	0.82 KLD
			Total	12.3 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 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.



This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments, Land conversion order. And lease is Notified on 27.05.2019 by C&I.

As seen from the quarry plan there is a level difference of 1 meters and taking this into consideration committee opined that the proposed proved gross quantity of 13984cum can be mined safely and scientifically within the lease period to a depth of 6meters. The proponent has stated that the recovery is 40% in the form of commercial blocks i.e.,5593cum and 30% in the form of Khundus i.e 4195cum and 30% is waste i.e 4195cum for which the proponent has stated that he will handle this waste depositing the waste in untackled portion and filling the same in the quarry pit of the tackled portion when quarrying in untackled portion is taken up.

As per the cluster sketch prepared by DMG there are 3 leases including this lease within the 500 meters radius from this lease and out of this other two leases were granted prior to 9.9.2013 and based on this the proponent has claimed exemption for these leases from cluster effect. The area of this lease being 1Acre 20 Guntas and which being less than the threshold limit of 5Ha the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 0.43KM 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 to take up rejuvenation of Huligeri kere which is at a distance of 550meters from the lease area.

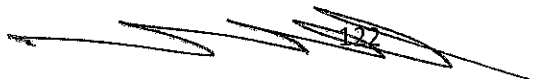
The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

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

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

**235.42 Proposed Building Stone Quarry Project at Sy.No.381(P) of Hirekoppa K.S. Village, Ramdurga Taluk, Belagavi District (4-00 Acres) by Sri Kutubuddin Kashimsab Dabadi (SEIAA 761 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Sri. Kutubuddin Kashimsab Dabadi</b> Gouri Shankar Oil Mill, Naka No.1, Gokak, Belagavi, Karnataka.		
2	Name & Location of the Project	Building Stone Quarry in 4-00 Acres of Govt. Land bearing Sy. No. 381(Part), Hirekoppa K.S. Village, Ramdurga Taluk & Belagavi District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 16°05'41.8"	E 75°04'42.9"
		B	N 16°05'42.6"	E 75°04'46.3"
		C	N 16°05'37.5"	E 75°04'47.4"
	D	N 16°05'36.8"	E 75°04'44.1"	
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New Quarry		
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	4-00 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	1,00,065(Avg.) Tons/ Annum		

  
122

14	Quantity of Topsoil/Over burden in cubic meter	None	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	5,267/Annum	
16	Project Cost (Rs. In Crores)	0.30	
17	Environmental Sensitivity		
	a. Nearest Forest	Chippalkatti R.F-8.77 KM NE	
	b. Nearest Human Habitation	Hirekoppa K.S.-3.30 Km	
	c. Educational Institutes, Hospital	Ramdurga which is Taluk head quarter-28.0 Km	
	d. Water Bodies	Virupaksha Halla-4.66 Km E-SE Mugalihal Kere-2.07 Km W Hulkund Tank-7.56Km NE Hulkund Halla-8.04 Km SE Gudgop Kere-7.46 Km SE Sattigeri Kere-8.35 S-SW Kodliwad Kere-6.27Km SW Mannekeri Kere-7.4 Km N-NW	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	None	
19	Details of Land Use in Hectares		
	a. Proposed working	2-25	
	b. Proposed	0-05	
	c. Proposed Buffer Zone	0-35	
	d. Un-disturbed	0-15	
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	2.80 KLD
		Domestic	0.30KLD
		Other	2.70 KLD
		Total	5.80KLD
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 235<sup>th</sup> meeting held on 04-12-2019 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 08-01-2019 for 20 years.

As seen from the quarry plan there is a level difference of 4 meters within the mining area and taking this into consideration and also taking into consideration undisturbed area, the committee opined that 45% of the proposed proved quantity of 653555tons or 248500cum can be mined safely and scientifically to a quarry pit depth of 12meters for a lease period.

As per the extended combined sketch prepared by DMG there are 6 leases including this lease within 500 meter radius from this lease. Out of these 4 leases ECs were issued prior to 15.01.2016 and based on this the proponent has claimed exemption for these leases from cluster effect. The total area of the remaining 2 leases including this lease is being 8Acre and which is being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

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

As far as CER is concerned the proponent has stated, that he will earmark Rs.6.00 lakhs to take up rejuvenation of Mugalihal kere which is at a distance of 2.07KM from the lease area.

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

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

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

**235.43** Proposed Building Stone Quarry Project at Sy.No.20(P) of Mydala Village, Tumkur taluk & District (Q.L.No.615) (5-00 Acres) by M/s. Anantha Shayana Stone Crushers (SEIAA 762 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. S. Lokesh, Proprietor, Sri. Anantha Shayana Stone Crushers, C/o H. Ninjappa, 2nd Cross, Ashok Nagar, Tumkur.		
2	Name & Location of the Project	"Building Stone Quarry" over an extent of 5-00 Acres at Sy No. 20(P), Mydala Village, Tumkur Taluk, Tumkur District, Karnataka.		
3	Co-ordinates of the Project Site	<b>Corner Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		BP-A	N 13° 18' 56.7"	E 77° 10' 23.8"
		BP-B	N 13° 18' 59.0"	E 77° 10' 18.6"
		BP-C	N 13° 19' 02.7"	E 77° 10' 19.7"
		BP-D	N 13° 19' 00.4"	E 77° 10' 24.8"
		<b>WGS-WGS 84</b>		
4	Type of Mineral	<b>Building Stone Quarry</b>		
5	New / Expansion / Modification / Renewal	Renewal (QL No. 615)		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	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	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	882.0 MSL existing pits level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,00,000 TPA
14	Quantity of Topsoil/Over burden in cubic meter	There is Notopsoil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)	22,222 TPA
16	Project Cost (Rs. In Crores)	1.17crores
17	Environmental Sensitivity	
	a. Nearest Forest	Ramadevara Betta State Forest - 0.30 Kms (W) Devarayanadurga State Forest -3.55 Kms (N)
	b. Nearest Human Habitation	Janupanahalli - 0.78 kms (NE)
	c. Educational Institutes, Hospital	Tumkur 6.00 kms (NW)
	d. Water Bodies	Mydala Lake - 1.50 Kms (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	3-32
	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	1-02
	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	10.5KLD
			Domestic	1.05 KLD
			Other	0.85KLD
			Total	12.4 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 235<sup>th</sup> meeting held on 04-12-2019 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. The lease has been granted earlier on 08.05.2007 for a period of 10 Years i.e up to 2017. 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 2027 as per the amendment to KMMCR Rules.

As seen from the quarry plan there is a level difference of 90 meters within the mining area and taking this into consideration and also the fact that he has mined 51000tons the committee opined that 80% of the proposed proved quantity of 2718922tons or 1022151cum 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 6 leases including this lease within 500 meter radius from this lease. Out of which 2 leases including this lease were granted prior to 9.9.2013 and based on this the proponent has claimed exemption for these leases including this lease from cluster effect. In view of the above the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 0.28KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.50.00 lakhs to take up Afforestation, Water supply, solar lighting in Tumkur university old campus in consultation with the university authorities which is at a distance of 9.0KM from the lease area.

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

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

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

**235.44** Proposed Building Stone Quarry Project at Sy.No.27 of Kowthamarahalli Village, Tumkur Taluk & District (2-00 Acres) by Sri A.V. Sundaresh (SEIAA 763 MIN 2019)

The proponent was invited for the 235<sup>th</sup> meeting held on 04-12-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

**235.45** Proposed Building Stone Quarry Project at Sy.No.74 of Doddashalavar Village, Arehalli Hobli, Belur Taluk, Hassan District (Q.L.No.HMG-364) (1-00 Acre) by Smt. Geetha. V (SEIAA 764 MIN 2019)

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

As seen from the site photographs it is noticed that mining has been carried out without maintaining any buffer zones also as per approved mining plan which is for 5 years but whereas remaining lease period ends up within 2023 and needs modification. For this proponent has agreed to comeback with proper clarification. Hence the committee decided to defer the subject.

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



**235.46** Proposed Building Stone Quarry Project at Sy.No.276 of Marne Village, Hebri Taluk, Udipi District (Q.L.No.3038) (0.50 Acres) by **Sri Umesh Hegde (SEIAA 765 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Umesh Hegde S/o Sri. Narayana Hegde Kadthala Post Hebri Taluk & Udipi District Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 0.50Acres of Govt. Land bearing Sy. 276, Marne Village, Hebri Taluk & Udipi District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°19'32.9"	E 75°00'59.9"
		B	N 13°19'32.5"	E 75°01'01.3"
		C	N 13°19'31.0"	E 75°01'00.6"
D	N 13°19'31.4"	E 77°00'59.3"		
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	Deemed Extn/Renewal (QL. No. 3038)		
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	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 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	5,000 (Avg.) Tons/ Annum		

14	Quantity of Topsoil/Over burden in cubic meter		None	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		101 Cum/ Annum	
16	Project Cost (Rs. In Crores)		0.12	
17	Environmental Sensitivity			
	a.	Nearest Forest	Andhar R.F-1.95 Km N-NE Chinkramalai R.F-1.76 Km SW Mensinkan R.F-5.35 Km S-SW	
	b.	Nearest Human Habitation	Marne-3.0Km	
	c.	Educational Institutes, Hospital	Hebri-15.0 Km	
	d.	Water Bodies	Yenne hole-4.5 Km SW Kada hole-2.8 Km NW Varanga Kere-7.69 Km N Swana Rover-6.09 Km W-SW Mathe bettu halla-5.2 Km N	
	e.	Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Hectares			
	a.	Quarry workings	0-084	
	b.	Buffer Zone 7.5m	0-108	
	c.	Dump Yard	0-005	
	d.	Mineral stock yard	0-005	
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	2.4 KLD
			Domestic	0.4KLD
			Other	2.2 KLD
			Total	4.0 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

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

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 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. The lease has been granted earlier on 11.08.2005 for a period of 5 Years i.e up to 2010. The renewal notification is notified on 12.02.2019. The proponent has stated that he has carried out mining up to 2009-10 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 4 meters within the mining area and taking this into consideration and also the fact that he has mined 4600tons the committee opined that 50% of the proposed proved quantity of 33475tons or 12875cum can be mined safely and scientifically to a quarry pit depth of 6meters 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 and this lease also exempted from cluster effect because of the fact that this lease is granted prior to 9.9.2013. In view of the above the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

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

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

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

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

**235.47** Proposed Building Stone Quarry Project at Sy.No.74 of Doddashalavar Village, Arehalli Hobli, Belur Taluk, Hassan District (Q.L.No.HMG-339) (1-00 Acre) by **Smt. Geetha (SEIAA 766 MIN 2019)**

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

As seen from the site photographs it is noticed that mining has been carried out without maintaining any buffer zones also as per approved mining plan which is for 5 years but whereas remaining lease period ends up within 2023 and needs modification. For this proponent has agreed to comeback with proper clarification. Hence the committee decided to defer the subject.

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

**2:15 PM to 6:00PM**

**235.48** Proposed Building Stone Quarry Project at Sy.No.74 of Doddashalavar Village, Arehalli Hobli, Belur Taluk, Hassan District (Q.L.No.HMG-333) (1-00 Acre) by **Smt. Geetha (SEIAA 767 MIN 2019)**

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

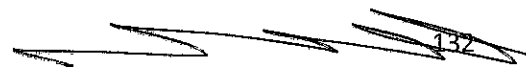
As seen from the site photographs it is noticed that mining has been carried out without maintaining any buffer zones also as per approved mining plan which is for 5 years but whereas remaining lease period ends up within 2023 and needs modification. For this proponent has agreed to comeback with proper clarification. Hence the committee decided to defer the subject.

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

**235.49** Proposed Building Stone Quarry Project at Sy.No.74 of Doddashalavar Village, Arehalli Hobli, Belur Taluk, Hassan District (Q.L.No.HMG-407) (1-00 Acre) by **Smt. Geetha (SEIAA 768 MIN 2019)**

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

As seen from the site photographs it is noticed that mining has been carried out without maintaining any buffer zones also as per approved mining plan which is for 5 years but whereas remaining lease period ends up within 2023 and needs modification.

 132

For this proponent has agreed to comeback with proper clarification. Hence the committee decided to defer the subject.

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

**235.50** Proposed Building Stone Quarry Project at Sy.No.74 of Doddashalavar Village, Arehalli Hobli, Belur Taluk, Hassan District (Q.L.No.HMG-334) (1-20 Acres) by **Smt. Geetha (SEIAA 769 MIN 2019)**

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

As seen from the site photographs it is noticed that mining has been carried out without maintaining any buffer zones also as per approved mining plan which is for 5 years but whereas remaining lease period ends up within 2023 and needs modification. For this proponent has agreed to comeback with proper clarification. Hence the committee decided to defer the subject.

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

**235.51** Proposed Building Stone Quarry Project at Sy.No.05 of Karakamakanahalli Village, Malur Taluk, Kolar District (4-00 Acres) by **A.P Vyshak (SEIAA 770 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Dr. A. P. Vyshak</b> S/o Sri Paramashivaiah No. 2152/13-14, Flat No. 401, Shwetha Paradise, Sahakaranagar, Bengaluru - 560 092		
2	Name & Location of the Project	Building Stone Quarry of <b>Dr. A. P. Vyshak</b> Extent of 4-00 Acers under part of Sy.No-05 Karakamakanahalli Village, Malur Taluk, Kolar District, Karnataka.		
3	Co-ordinates of the Project Site	Boundary Points	Latitude	Longitude
		A	N 12° 53' 28.19"	E 78° 06' 9.36"
		B	N 12° 53' 26.30"	E 78° 06' 9.21"

		C	N 12° 53'25.58"	E 78° 06'11.01"
		D	N 12° 53'21.98"	E 78° 06'9.10"
		E	N 12° 53'22.89"	E 78° 06'6.70"
		F	N 12° 53'28.36"	E 78° 06'7.13"
4	Type of Mineral	Building stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.618		
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	Annual Production Proposed (Metric Tons/ CUM) / Annum	<b>Year</b>	<b>Saleable Building Stone in Tonnes</b>	
		1 <sup>st</sup>	1,24,979	
		2 <sup>nd</sup>	1,21,080	
		3 <sup>rd</sup>	1,18,558	
		4 <sup>th</sup>	1,13,742	
		5 <sup>th</sup>	1,08,468	
		<b>Total</b>	<b>5,86,827</b>	
12	Quantity of Topsoil/Over burden in cubic	--		

	meter																									
13	Mineral Waste Handled (Metric Tons/CUM)/ Annum	11,974 Tonnes for a period of 5 years.																								
14	Project Cost (Rs)	30 lakhs.																								
15	Environmental Sensitivity																									
	a Nearest Forest																									
	b Nearest Human Habitation	Karakamakanahalli 0.9km from the proposed lease area.																								
	c Educational Institutes, Hospital	Bangarpet 13.8km from the proposed lease area.																								
	d Water Bodies	-																								
	e Other Specify	-																								
16	Applicability of General Condition of the EIA Notification, 2006																									
17	Details of Land Use in Ha																									
	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Particulars</th> <th>Area in Acres</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quarry workings</td> <td>3.20</td> </tr> <tr> <td>2</td> <td>Waste Dumps</td> <td>0.05</td> </tr> <tr> <td>3</td> <td>Roads</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>Mineral Storage</td> <td>0.10</td> </tr> <tr> <td>5</td> <td>Buffer zone</td> <td>0.60</td> </tr> <tr> <td>6</td> <td>Infrastructure</td> <td>0.05</td> </tr> <tr> <td><b>Total</b></td> <td></td> <td><b>4.00</b></td> </tr> </tbody> </table>	Sl. No.	Particulars	Area in Acres	1	Quarry workings	3.20	2	Waste Dumps	0.05	3	Roads	0.00	4	Mineral Storage	0.10	5	Buffer zone	0.60	6	Infrastructure	0.05	<b>Total</b>		<b>4.00</b>	
Sl. No.	Particulars	Area in Acres																								
1	Quarry workings	3.20																								
2	Waste Dumps	0.05																								
3	Roads	0.00																								
4	Mineral Storage	0.10																								
5	Buffer zone	0.60																								
6	Infrastructure	0.05																								
<b>Total</b>		<b>4.00</b>																								
18	Method of Mining /	Method of Mining is Semi-Mechanized with Open Cast Method. The mining operation involves drilling, loading and unloading																								

	Quarrying									
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 4.5 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	<table border="1"> <tr> <td>Dust Suppuration</td> <td>2.0</td> </tr> <tr> <td>Domestic</td> <td>0.5</td> </tr> <tr> <td>Other</td> <td>2.0</td> </tr> <tr> <td><b>Total</b></td> <td><b>4.5</b></td> </tr> </table>	Dust Suppuration	2.0	Domestic	0.5	Other	2.0	<b>Total</b>	<b>4.5</b>
Dust Suppuration	2.0									
Domestic	0.5									
Other	2.0									
<b>Total</b>	<b>4.5</b>									
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 235<sup>th</sup> meeting held on 04-12-2019 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 02-08-2019 for 20 years.

As seen from the quarry plan there is a level difference of 9 meters within the mining area and taking this into consideration the committee opined that the proposed proved quantity of 603720tons or 232200cum 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 4 leases including this lease within 500 meter radius from this lease. Out of this 2 leases were granted prior to 9.9.2013 and based on this the proponent has claimed exemption for these leases from cluster effect. The total area of the remaining 2 leases including this lease is being 8Acre and which is being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.





As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 400meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.12.00 lakhs to take up rejuvenation of Budihalli lake which is at a distance of 2.6KM from the lease area.

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

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

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

**235.52 Proposed Building Stone Quarry Project at Sy.No.05 of Karakamakanahalli Village, Malur Taluk, Kolar District (4-00 Acres) By Sri Santhosh D. (SEIAA 771 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Sri Santhosh D</b> S/o B.M. Devarajappa No. 354, F-Block, Sahakaranagar, Bengaluru - 560 092		
2	Name & Location of the Project	Building Stone Quarry of <b>Sri Santhosh D.</b> Extent of 4-00 Acers under part of Sy.No-05 Karakamakanahalli Village, Malur Taluk, Kolar District, Karnataka.		
3	Co-ordinates of the Project Site	Boundary Points	Latitude	Longitude
		A	N 12° 53' 28.36"	E 78° 06' 7.13"
		B	N 12° 53' 22.89"	E 78° 06' 6.70"
		C	N 12° 53' 24.09"	E 78° 06' 3.37"
D	N 12° 53' 28.62"	E 78° 06' 3.65"		
4	Type of Mineral	Building stone		

5	New / Expansion / Modification / Renewal	New														
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta , Other]	Government Gomala Land														
7	Whether the project site fall within ESZ/ESA	No														
8	Area in Ha	1.618														
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	Annual Production Proposed (Metric Tons/ CUM) / Annum	<table border="1"> <thead> <tr> <th>Year</th> <th>Saleable Building Stone in Tonnes</th> </tr> </thead> <tbody> <tr> <td>1<sup>st</sup></td> <td>1,43,554</td> </tr> <tr> <td>2<sup>nd</sup></td> <td>1,39,426</td> </tr> <tr> <td>3<sup>rd</sup></td> <td>1,34,610</td> </tr> <tr> <td>4<sup>th</sup></td> <td>1,29,107</td> </tr> <tr> <td>5<sup>th</sup></td> <td>1,25,667</td> </tr> <tr> <td><b>Total</b></td> <td><b>6,72,364</b></td> </tr> </tbody> </table>	Year	Saleable Building Stone in Tonnes	1 <sup>st</sup>	1,43,554	2 <sup>nd</sup>	1,39,426	3 <sup>rd</sup>	1,34,610	4 <sup>th</sup>	1,29,107	5 <sup>th</sup>	1,25,667	<b>Total</b>	<b>6,72,364</b>
Year	Saleable Building Stone in Tonnes															
1 <sup>st</sup>	1,43,554															
2 <sup>nd</sup>	1,39,426															
3 <sup>rd</sup>	1,34,610															
4 <sup>th</sup>	1,29,107															
5 <sup>th</sup>	1,25,667															
<b>Total</b>	<b>6,72,364</b>															
12	Quantity of Topsoil/Over burden in cubic meter	--														
13	Mineral Waste Handled	13,719 Tonnes for a period of 5 years.														

	(Metric Tons/ CUM)/ Annum																									
14	Project Cost (Rs)	30 lakhs.																								
15	Environmental Sensitivity																									
	a Nearest Forest																									
	b Nearest Human Habitation	Karakamakanahalli 0.8km from the proposed lease area.																								
	c Educational Institutes, Hospital	Bangarpet 13.9km from the proposed lease area.																								
	d Water Bodies	-																								
	e Other Specify	-																								
16	Applicability of General Condition of the EIA Notification, 2006																									
17	Details of Land Use in Ha																									
		<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Particulars</th> <th>Area in Acres</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quarry workings</td> <td>3.30</td> </tr> <tr> <td>2</td> <td>Waste Dumps</td> <td>0.05</td> </tr> <tr> <td>3</td> <td>Roads</td> <td>0.00</td> </tr> <tr> <td>4</td> <td>Mineral Storage</td> <td>0.10</td> </tr> <tr> <td>5</td> <td>Buffer zone</td> <td>0.50</td> </tr> <tr> <td>6</td> <td>Infrastructure</td> <td>0.05</td> </tr> <tr> <td><b>Total</b></td> <td></td> <td><b>4.00</b></td> </tr> </tbody> </table>	Sl. No.	Particulars	Area in Acres	1	Quarry workings	3.30	2	Waste Dumps	0.05	3	Roads	0.00	4	Mineral Storage	0.10	5	Buffer zone	0.50	6	Infrastructure	0.05	<b>Total</b>		<b>4.00</b>
Sl. No.	Particulars	Area in Acres																								
1	Quarry workings	3.30																								
2	Waste Dumps	0.05																								
3	Roads	0.00																								
4	Mineral Storage	0.10																								
5	Buffer zone	0.50																								
6	Infrastructure	0.05																								
<b>Total</b>		<b>4.00</b>																								
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 4.5 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	2.0
			Domestic	0.5
			Other	2.0
			<b>Total</b>	<b>4.5</b>
20		Storm water management plan	-	

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

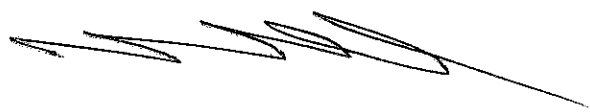
The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

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 02-08-2019 for 20 years.

As seen from the quarry plan there is a level difference of 13 meters within the mining area and taking this into consideration the committee opined that the proposed proved quantity of 690768tons or 265680cum 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 4 leases including this lease within 500 meter radius from this lease. Out of this 2 leases were granted prior to 9.9.2013 and based on this the proponent has claimed exemption for these leases from cluster effect. The total area of the remaining 2 leases including this lease is being 8Acre and which is being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 400meters connecting lease area to all weather black topped road.



As far as CER is concerned the proponent has stated, that he will earmark Rs.14.00 lakhs to take up rejuvenation of Budihalli lake which is at a distance of 2.5KM from the lease area.

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

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

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

**235.53** Proposed Building Stone Quarry Project at Sy.No.02 of Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapura District (8-36 Acres) by M/s. Krishna & Company (SEIAA 772 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	M/s Krishna and Company No-9, Thammanayakanahalli , Kasaba Hobli, Anekal Taluk, Bengaluru District.																		
2	Name & Location of the Project	“Building. Stone Quarry” of M/s Krishna and Company Sy No: 02, Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapur District, Karnataka																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>BOUNDARY POINT</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>13° 34' 31.4"</td> <td>77° 53' 08.9"</td> </tr> <tr> <td>B</td> <td>13° 34' 36.1"</td> <td>77° 53' 07.9"</td> </tr> <tr> <td>C</td> <td>13° 34' 36.2"</td> <td>77° 53' 08.5"</td> </tr> <tr> <td>D</td> <td>13° 34' 37.3"</td> <td>77° 53' 16.5"</td> </tr> <tr> <td>E</td> <td>13° 34' 32.7"</td> <td>77° 53' 16.7"</td> </tr> </tbody> </table>	BOUNDARY POINT	LATITUDE	LONGITUDE	A	13° 34' 31.4"	77° 53' 08.9"	B	13° 34' 36.1"	77° 53' 07.9"	C	13° 34' 36.2"	77° 53' 08.5"	D	13° 34' 37.3"	77° 53' 16.5"	E	13° 34' 32.7"	77° 53' 16.7"
BOUNDARY POINT	LATITUDE	LONGITUDE																		
A	13° 34' 31.4"	77° 53' 08.9"																		
B	13° 34' 36.1"	77° 53' 07.9"																		
C	13° 34' 36.2"	77° 53' 08.5"																		
D	13° 34' 37.3"	77° 53' 16.5"																		
E	13° 34' 32.7"	77° 53' 16.7"																		

4	Type of Project	<b>Building Stone</b>
5	New / Expansion / Modification / Renewal	New
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	3.601Ha
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	833m RL
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	75,014TPA
14	Quantity of Topsoil/Overburden in cubic meter	15,600 Cu. m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,531TPA
16	Project Cost (Rs. In Crores)	1.06crores
17	Environmental Sensitivity	
	a	Talakayikonda Forest – 2.30 kms (NE)
	b	Purabyrenahalli village-0.70 Kms(SW)

	c	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Sidhlaghatta – 20.45 Kms (S)	
	d	Water Bodies	Yarranagenahalli Lake – 5.20 kms (W)	
	e	Other Specify	--	
18		Applicability of General Condition of the EIA Notification, 2006	NA	
19		Details of Land Use in Ha		
	a	Area for Mining/ Quarrying	1.560	
	b	Waste Dumping Area	--	
	c	Top Soil yard	--	
	d	Mineral Storage Area	0.100	
	e	Infrastructure Area	0.035	
	f	Road Area	0.120	
	g	Green Belt Area	--	
	h	Unexplored area	1.785	
	i	Others Specify	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	10.5KLD

		Domestic	0.9 KLD
		Other	0.1 KLD
		Total	11.5 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

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

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

As per the extended combined sketch prepared by DMG there are 7 leases including this lease within 500 meter radius from this lease. And combined area of these leases being 60Acres 37guntas and this being more than the threshold limit of 5Ha the committee decided to categorise this project under B1 category and decided to recommend for issue of standard ToRs as per the EIA notification 2006.

During appraisal for issue of ToRs proponents of the following File Nos 772,773,774,775,776 and 777MIN2019 have come in a group and requested the committee by giving joint representation signed by all the 6 stakeholders to issue common ToR and for single public hearing as all these leases are within the same Sy. no and same village. But cluster notification not yet been issued for which all the proponents in unison have stated that they will get this notification and produce during the time of appraisal of EIA. The committee after discussion decided to recommend for issue of standard ToRs as per the EIA notification 2006.

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

**235.54** Proposed Building Stone Quarry Project at Sy.No.02 of Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapura District (8-20 Acres) by Smt. J.G. Kavitha (SEIAA 773 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Smt. J.G. Kavitha C/o B Yogesh Kumar, Lakshmi Block, HAF Post Ganganagara, Bengaluru District-560024



2	Name & Location of the Project	"Building. Stone Quarry" of Smt. J. G Kavitha Sy No: 02, Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapur District, Karnataka																	
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>BOUNDARY POINT</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>13° 34' 32.0"</td> <td>77° 52' 50.4"</td> </tr> <tr> <td>B</td> <td>13° 34' 35.7"</td> <td>77° 52' 52.8"</td> </tr> <tr> <td>C</td> <td>13° 34' 28.5"</td> <td>77° 53' 01.9"</td> </tr> <tr> <td>D</td> <td>13° 34' 28.6"</td> <td>77° 52' 55.0"</td> </tr> </tbody> </table>			BOUNDARY POINT	LATITUDE	LONGITUDE	A	13° 34' 32.0"	77° 52' 50.4"	B	13° 34' 35.7"	77° 52' 52.8"	C	13° 34' 28.5"	77° 53' 01.9"	D	13° 34' 28.6"	77° 52' 55.0"
BOUNDARY POINT	LATITUDE	LONGITUDE																	
A	13° 34' 32.0"	77° 52' 50.4"																	
B	13° 34' 35.7"	77° 52' 52.8"																	
C	13° 34' 28.5"	77° 53' 01.9"																	
D	13° 34' 28.6"	77° 52' 55.0"																	
4	Type of Project	<b>Building Stone</b>																	
5	New / Expansion / Modification / Renewal	New																	
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land																	
7	Whether the project site fall within ESZ/ESA	No																	
8	Area in Ha	3.439 Ha																	
9	Actual Depth of sand in the lease area in case of River sand	NA																	
10	Depth of Sand proposed to be removed in case of River sand	NA																	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.																	
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land																	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	60,329TPA																	

14	Quantity of Topsoil/Over burden in cubic meter	14,400 Cu. m	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,231 TPA	
16	Project Cost (Rs. In Crores)	1.07crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Talakayikonda Forest – 2.50 kms (NE)	
	b. Nearest Human Habitation	Purabyrenahalli village-0.30 Kms(SW)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Sidhlaghatta – 20.50 Kms (S)	
	d. Water Bodies	Yarranagenahalli Lake – 5.10 kms (W)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	NA	
19	Details of Land Use in Ha		
	a. Area for Mining/ Quarrying	1.440	
	b. Waste Dumping Area	--	
	c. Top Soil yard	--	
	d. Mineral Storage Area	0.140	
	e. Infrastructure Area	0.020	
	f. Road Area	0.048	
	g. Green Belt Area	--	
	h. Unexplored area	1.732	
	i. Others Specify	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	10.5KLD
		Domestic	0.9 KLD
		Other	0.1 KLD
		Total	11.5 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	

24	Any other information specific to the project (Specify)	NA
----	---	----

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

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

As per the extended combined sketch prepared by DMG there are 7 leases including this lease within 500 meter radius from this lease. And combined area of these leases being 60Acres 37guntas and this being more than the threshold limit of 5Ha the committee decided to categorise this project under B1 category and decided to recommend for issue of standard ToRs as per the EIA notification 2006.

During appraisal for issue of ToRs proponents of the following File Nos 772,773,774,775,776 and 777MIN2019 have come in a group and requested the committee by giving joint representation signed by all the 6 stakeholders to issue common ToR and for single public hearing as all these leases are within the same Sy. no and same village. But cluster notification not yet been issued for which all the proponents in unison have stated that they will get this notification and produce during the time of appraisal of EIA. The committee after discussion decided to recommend for issue of standard ToRs as per the EIA notification 2006.

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

235.55 Proposed Building Stone Quarry Project at Sy.No.02 of Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapura District (7-35 Acres) by Sri D. Srinivasa SEIAA (774 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri D. Srinivas, S/o Dasappa, No-164, Thammanayakanahalli, Kasaba Hobli, Anekal Taluk, Bengaluru District.

2	Name & Location of the Project	"Building. Stone Quarry" of Sri D. Srinivas Sy No: 02, Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapur District, Karnataka																							
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>BOUNDARY POINT</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>13° 34' 47.0"</td> <td>77° 53' 00.3"</td> </tr> <tr> <td>B</td> <td>13° 34' 51.9"</td> <td>77° 53' 00.6"</td> </tr> <tr> <td>C</td> <td>13° 34' 51.5"</td> <td>77° 53' 08.1"</td> </tr> <tr> <td>D</td> <td>13° 34' 52.4"</td> <td>77° 53' 06.2"</td> </tr> <tr> <td>E</td> <td>13° 34' 52.4"</td> <td>77° 53' 07.3"</td> </tr> <tr> <td>F</td> <td>13° 34' 46.6"</td> <td>77° 53' 07.1"</td> </tr> </tbody> </table>	BOUNDARY POINT	LATITUDE	LONGITUDE	A	13° 34' 47.0"	77° 53' 00.3"	B	13° 34' 51.9"	77° 53' 00.6"	C	13° 34' 51.5"	77° 53' 08.1"	D	13° 34' 52.4"	77° 53' 06.2"	E	13° 34' 52.4"	77° 53' 07.3"	F	13° 34' 46.6"	77° 53' 07.1"		
BOUNDARY POINT	LATITUDE	LONGITUDE																							
A	13° 34' 47.0"	77° 53' 00.3"																							
B	13° 34' 51.9"	77° 53' 00.6"																							
C	13° 34' 51.5"	77° 53' 08.1"																							
D	13° 34' 52.4"	77° 53' 06.2"																							
E	13° 34' 52.4"	77° 53' 07.3"																							
F	13° 34' 46.6"	77° 53' 07.1"																							
4	Type of Project	<b>Building Stone</b>																							
5	New / Expansion / Modification / Renewal	New																							
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land																							
7	Whether the project site fall within ESZ/ESA	No																							
8	Area in Ha	3.187 Ha																							
9	Actual Depth of sand in the lease area in case of River sand	NA																							
10	Depth of Sand proposed to be removed in case of River sand	NA																							
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.																							
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land																							
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	60,064TPA																							

14	Quantity of Topsoil/Overburden in cubic meter	26,000 Cu. m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,226TPA
16	Project Cost (Rs. In Crores)	1.05crores
17	Environmental Sensitivity	
	a Nearest Forest	Talakayikonda Forest – 1.9 kms (NE)
	b Nearest Human Habitation	Purabyrenahalli village-0.90 Kms(SW)
	c Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Sidhlaghatta – 19.80 Kms (S)
	d Water Bodies	Yarranagenahalli Lake – 5.37 kms (W)
	e Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Ha	
	a Area for Mining/ Quarrying	2.60
	b Waste Dumping Area	--
	c Top Soil yard	--
	d Mineral Storage Area	0.070
	e Infrastructure Area	0.020
	f Road Area	0.030
	g Green Belt Area	--
	h Unexplored area	0.487
	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	10.5KLD
		Domestic	0.9 KLD
		Other	0.1 KLD
		Total	11.5 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

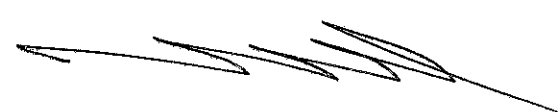
The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

As per the extended combined sketch prepared by DMG there are 7 leases including this lease within 500 meter radius from this lease. And combined area of these leases being 60Acres 37guntas and this being more than the threshold limit of 5Ha the committee decided to categorise this project under B1 category and decided to recommend for issue of standard ToRs as per the EIA notification 2006.

During appraisal for issue of ToRs proponents of the following File Nos 772,773,774,775,776 and 777MIN2019 have come in a group and requested the committee by giving joint representation signed by all the 6 stakeholders to issue common ToR and for single public hearing as all these leases are within the same Sy. no and same village. But cluster notification not yet been issued for which all the proponents in unison have stated that they will get this notification and produce during the time of appraisal of EIA. The committee after discussion decided to recommend for issue of standard ToRs as per the EIA notification 2006.

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



235.56 Proposed Building Stone Quarry Project at Sy.No.02 of Purabyrenahalli Village,Shidlaghatta Taluk, Chikkaballapura District (5-12 Acres) by M/s. Tavera Mining & Construction India Pvt. Ltd. (SEIAA 775 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																																				
1	Name & Address of the Project Proponent	M/s. Taavara Mining and Construction India Pvt. Ltd No-48, 100 ft Ring Road, 2nd Phase, Jigani Industrial Area, Anekal Taluk, Bengaluru District																																				
2	Name & Location of the Project	"Building. Stone Quarry" of M/s. Taavara Mining and Construction India Pvt. Ltd Sy No: 02, Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapur District, Karnataka																																				
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>BOUNDARY POINT</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>13° 34' 28.6"</td> <td>77° 53' 05.5"</td> </tr> <tr> <td>B</td> <td>13° 34' 30.4"</td> <td>77° 53' 05.5"</td> </tr> <tr> <td>C</td> <td>13° 34' 30.6"</td> <td>77° 53' 06.3"</td> </tr> <tr> <td>D</td> <td>13° 34' 31.2"</td> <td>77° 53' 07.0"</td> </tr> <tr> <td>E</td> <td>13° 34' 32.7"</td> <td>77° 53' 16.7"</td> </tr> <tr> <td>F</td> <td>13° 34' 29.2"</td> <td>77° 53' 16.5"</td> </tr> <tr> <td>G</td> <td>13° 34' 29.5"</td> <td>77° 53' 14.9"</td> </tr> <tr> <td>H</td> <td>13° 34' 30.3"</td> <td>77° 53' 14.1"</td> </tr> <tr> <td>I</td> <td>13° 34' 30.9"</td> <td>77° 53' 12.9"</td> </tr> <tr> <td>J</td> <td>13° 34' 30.2"</td> <td>77° 53' 11.0"</td> </tr> <tr> <td>K</td> <td>13° 34' 29.1"</td> <td>77° 53' 08.4"</td> </tr> </tbody> </table>	BOUNDARY POINT	LATITUDE	LONGITUDE	A	13° 34' 28.6"	77° 53' 05.5"	B	13° 34' 30.4"	77° 53' 05.5"	C	13° 34' 30.6"	77° 53' 06.3"	D	13° 34' 31.2"	77° 53' 07.0"	E	13° 34' 32.7"	77° 53' 16.7"	F	13° 34' 29.2"	77° 53' 16.5"	G	13° 34' 29.5"	77° 53' 14.9"	H	13° 34' 30.3"	77° 53' 14.1"	I	13° 34' 30.9"	77° 53' 12.9"	J	13° 34' 30.2"	77° 53' 11.0"	K	13° 34' 29.1"	77° 53' 08.4"
BOUNDARY POINT	LATITUDE	LONGITUDE																																				
A	13° 34' 28.6"	77° 53' 05.5"																																				
B	13° 34' 30.4"	77° 53' 05.5"																																				
C	13° 34' 30.6"	77° 53' 06.3"																																				
D	13° 34' 31.2"	77° 53' 07.0"																																				
E	13° 34' 32.7"	77° 53' 16.7"																																				
F	13° 34' 29.2"	77° 53' 16.5"																																				
G	13° 34' 29.5"	77° 53' 14.9"																																				
H	13° 34' 30.3"	77° 53' 14.1"																																				
I	13° 34' 30.9"	77° 53' 12.9"																																				
J	13° 34' 30.2"	77° 53' 11.0"																																				
K	13° 34' 29.1"	77° 53' 08.4"																																				
4	Type of Project	<b>Building Stone</b>																																				
5	New / Expansion / Modification / Renewal	New																																				
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land																																				
7	Whether the project site fall	No																																				

	within ESZ/ESA	
8	Area in Ha	2.144 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed in case of River sand	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	50,142TPA
14	Quantity of Topsoil/Over burden in cubic meter	10,640 Cu. m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,023TPA
16	Project Cost (Rs. In Crores)	1.06crores
17	Environmental Sensitivity	
	a. Nearest Forest	Talakayikonda Forest – 2.45kms (NE)
	b. Nearest Human Habitation	Purabyrenahalli village-0.40Kms(SW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Sidhlaghatta – 19.34Kms (S)
	d. Water Bodies	Yarranagenahalli Lake – 5.39kms (W)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	1.064
	b. Waste Dumping Area	--
	c. Top Soil yard	--
	d. Mineral Storage Area	0.047



	e.	Infrastructure Area	0.020	
	f.	Road Area	0.040	
	g.	Green Belt Area	--	
	h.	Unexplored area	0.924	
	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	10.5KLD
			Domestic	0.9 KLD
			Other	0.1 KLD
			Total	11.5 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

As per the extended combined sketch prepared by DMG there are 7 leases including this lease within 500 meter radius from this lease. And combined area of these leases being 60Acres 37guntas and this being more than the threshold limit of 5Ha the committee decided to categorise this project under B1 category and decided to recommend for issue of standard ToRs as per the EIA notification 2006.

During appraisal for issue of ToRs proponents of the following File Nos 772,773,774,775,776 and 777MIN2019 have come in a group and requested the committee by giving joint representation signed by all the 6 stakeholders to issue common ToR and for single public hearing as all these leases are within the same Sy. no and same village. But cluster notification not yet been issued for which all the proponents in unison have stated that they will get this notification and produce during the time of appraisal of EIA. The committee after discussion decided to recommend for issue of standard ToRs as per the EIA notification 2006.

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

235.57 Proposed Building Stone Quarry Project at Sy.No.02 of Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapura District (10-10 Acres) by M/s. Shakthi Enterprises (SEIAA 776 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																					
1	Name & Address of the Project Proponent	M/s Shakthi Enterprises No. 01, Bathiyappa Building, Devasandra Main Road, Ayyappa Nagar, Bengaluru.																					
2	Name & Location of the Project	“Building. Stone Quarry” of M/s Shakthi Enterprises Sy No: 02, Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapur District, Karnataka																					
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>BOUNDARY POINT</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>13° 34' 47.2"</td> <td>77° 52' 55.0"</td> </tr> <tr> <td>B</td> <td>13° 34' 56.3"</td> <td>77° 52' 55.6"</td> </tr> <tr> <td>C</td> <td>13° 34' 55.8"</td> <td>77° 52' 58.9"</td> </tr> <tr> <td>D</td> <td>13° 34' 56.1"</td> <td>77° 52' 59.0"</td> </tr> <tr> <td>E</td> <td>13° 34' 55.7"</td> <td>77° 53' 00.1"</td> </tr> <tr> <td>F</td> <td>13° 34' 44.8"</td> <td>77° 52' 59.2"</td> </tr> </tbody> </table>	BOUNDARY POINT	LATITUDE	LONGITUDE	A	13° 34' 47.2"	77° 52' 55.0"	B	13° 34' 56.3"	77° 52' 55.6"	C	13° 34' 55.8"	77° 52' 58.9"	D	13° 34' 56.1"	77° 52' 59.0"	E	13° 34' 55.7"	77° 53' 00.1"	F	13° 34' 44.8"	77° 52' 59.2"
BOUNDARY POINT	LATITUDE	LONGITUDE																					
A	13° 34' 47.2"	77° 52' 55.0"																					
B	13° 34' 56.3"	77° 52' 55.6"																					
C	13° 34' 55.8"	77° 52' 58.9"																					
D	13° 34' 56.1"	77° 52' 59.0"																					
E	13° 34' 55.7"	77° 53' 00.1"																					
F	13° 34' 44.8"	77° 52' 59.2"																					
4	Type of Project	<b>Building Stone</b>																					
5	New / Expansion / Modification / Renewal	New																					
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land																					
7	Whether the project site fall within ESZ/ESA	No																					
8	Area in Ha	4.147 Ha																					
9	Actual Depth of sand in the lease area in case of River sand	NA																					

10	Depth of Sand proposed to be removed in case of River sand	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	90,123TPA
14	Quantity of Topsoil/Overburden in cubic meter	11,400 Cu. m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,839TPA
16	Project Cost (Rs. In Crores)	1.12crores
17	Environmental Sensitivity	
	a. Nearest Forest	Talakayikonda Forest – 2.30 kms (NE)
	b. Nearest Human Habitation	Purabyrenahalli village-1.00 Kms(SW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Sidhlaghatta – 22.00 Kms (S)
	d. Water Bodies	Yarranagenahalli Lake – 6.00 kms (W)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	1.140
	b. Waste Dumping Area	--

	c	Top Soil yard	--	
	d	Mineral Storage Area	0.140	
	e	Infrastructure Area	0.020	
	f	Road Area	0.080	
	g	Green Belt Area	--	
	h	Unexplored area	2.620	
	i	Others Specify	0.150	
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	10.82KLD
			Domestic	0.92 KLD
			Other	0.86 KLD
			Total	12.6KLD
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 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

As per the extended combined sketch prepared by DMG there are 7 leases including this lease within 500 meter radius from this lease. And combined area of these leases being 60Acres 37guntas and this being more than the threshold limit of 5Ha the committee decided to categorise this project under B1 category and decided to recommend for issue of standard ToRs as per the EIA notification 2006.

During appraisal for issue of ToRs proponents of the following File Nos 772,773,774,775,776 and 777MIN2019 have come in a group and requested the committee by giving joint representation signed by all the 6 stakeholders to issue common ToR and for single public hearing as all these leases are within the same Sy. no and same village. But cluster notification not yet been issued for which all the proponents in unison have stated that they will get this notification and produce during the time of appraisal of EIA. The committee after discussion decided to recommend for issue of standard ToRs as per the EIA notification 2006.

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

**235.58** Proposed Building Stone Quarry Project at Sy.No.02 of Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapura District (8-22 Acres) By M/s. PRABHA EARTH MOVERS (SEIAA 777 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	M/s Prabha Earth Movers No-23, Opp Ashwath Katte Road Devasandra, K. R Puram Bengaluru-560036																		
2	Name & Location of the Project	“Building. Stone Quarry” of M/s Prabha Earth Movers Sy No: 02, Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapur District, Karnataka																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>BOUNDARY POINT</th> <th>LATTITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>13° 34' 36.5"</td> <td>77° 53' 10.9"</td> </tr> <tr> <td>B</td> <td>13° 34' 38.4"</td> <td>77° 53' 08.4"</td> </tr> <tr> <td>C</td> <td>13° 34' 41.3"</td> <td>77° 53' 08.2"</td> </tr> <tr> <td>D</td> <td>13° 34' 42.1"</td> <td>77° 53' 16.3"</td> </tr> <tr> <td>E</td> <td>13° 34' 37.3"</td> <td>77° 53' 16.5"</td> </tr> </tbody> </table>	BOUNDARY POINT	LATTITUDE	LONGITUDE	A	13° 34' 36.5"	77° 53' 10.9"	B	13° 34' 38.4"	77° 53' 08.4"	C	13° 34' 41.3"	77° 53' 08.2"	D	13° 34' 42.1"	77° 53' 16.3"	E	13° 34' 37.3"	77° 53' 16.5"
BOUNDARY POINT	LATTITUDE	LONGITUDE																		
A	13° 34' 36.5"	77° 53' 10.9"																		
B	13° 34' 38.4"	77° 53' 08.4"																		
C	13° 34' 41.3"	77° 53' 08.2"																		
D	13° 34' 42.1"	77° 53' 16.3"																		
E	13° 34' 37.3"	77° 53' 16.5"																		
4	Type of Project	<b>Building Stone</b>																		
5	New / Expansion / Modification / Renewal	New																		
6	Type of Land [ Forest, Government Revenue, Gomal,	Government Gomala Land																		

	Private/Patta, Other]	
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	3.459Ha
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	838m RL
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	76,205TPA
14	Quantity of Topsoil/Over burden in cubic meter	23,400 Cu. m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,555TPA
16	Project Cost (Rs. In Crores)	1.05crores
17	Environmental Sensitivity	
	a	Talakayikonda Forest – 1.71kms (NE)
	b	Purabyrenahalli village-0.84Kms(SW)
	c	The nearest post and telegraph office, hospital, schools, police station is situated in Sidhlaghatta – 20.89Kms (S)
	d	Yarranagenahalli Lake – 5.33kms (W)
	e	--
18	Applicability of General Condition of the EIA	NA

	Notification, 2006			
19	Details of Land Use in Ha			
	a	Area for Mining/ Quarrying	2.340	
	b	Waste Dumping Area	--	
	c	Top Soil yard	--	
	d	Mineral Storage Area	0.060	
	e	Infrastructure Area	0.030	
	f	Road Area	0.060	
	g	Green Belt Area	--	
	h	Unexplored area	0.990	
	i	Others Specify	0.040	
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	10.5KLD
			Domestic	0.9 KLD
			Other	0.1 KLD
			Total	11.5 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The proponent and Environment consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

As per the extended combined sketch prepared by DMG there are 7 leases including this lease within 500 meter radius from this lease. And combined area of these leases being 60Acres 37guntas and this being more than the threshold limit of 5Ha the committee decided to categorise this project under B1 category and decided to recommend for issue of standard ToRs as per the EIA notification 2006.

During appraisal for issue of ToRs proponents of the following File Nos 772,773,774,775,776 and 777MIN2019 have come in a group and requested the committee by giving joint representation signed by all the 6 stakeholders to issue common ToR and for single public hearing as all these leases are within the same Sy. no and same village. But cluster notification not yet been issued for which all the proponents in unison have stated that they will get this notification and produce during the time of appraisal of EIA. The committee after discussion decided to recommend for issue of standard ToRs as per the EIA notification 2006.

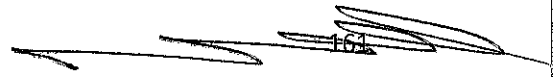
**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**

**235.59 Proposed Building Stone Quarry Project at Sy.No.143/4 of Chandanamatti Village, Dharwad Taluk & District (2-28 Acres) By Sri Deepak N Pawar (SEIAA 778 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Deepak N Pawar, Ganesh Nilaya, Anad Galli, Kamalapur, Dharwad, Dharwad K. C. Park, Karnataka
2	Name & Location of the Project	“Building Stone Quarry” of Sy No. 143/4, Chandanamatti Village, Dharwad Taluk, Dharwad District, Karnataka



3	Co-ordinates of the Project Site	<b>Corner Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	N 15° 31' 10.88"	E 75° 4' 40.18"
		B	N 15° 31' 10.68"	E 75° 4' 43.54"
		C	N 15° 31' 7.79"	E 75° 4' 44.08"
		D	N 15° 31' 7.95"	E 75° 4' 40.47"
		WGS-WGS 84		
4	Type of Mineral	<b>Building Stone</b>		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.092Ha		
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	638m Existing pit level		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	90,000 TPA		
14	Quantity of Topsoil/Over	7,587.99Cu. m		



	burden in Tons	
15	Mineral Waste Handled (Metric Tons/ CUM)	5,624Tons/annum
16	Project Cost (Rs. In Crores)	1.10 crores
17	Environmental Sensitivity	
	a Nearest Forest	No Forest Within 5 Kms
	b Nearest Human Habitation	Chandanamatti - 1.75 kms (SE)
	c Educational Institutes, Hospital	Dharwad (SW) - 7.70 kms
	d Water Bodies	Marewad Pond - 3.20 Kms (NW) Haklikari halla - 5.00 (S)
	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	1-35
	b Waste Dumping Area	0-01
	c Top Soil Storage Area	0-01
	d Mineral Storage Area	
	e Infrastructure Area	
	f Road Area	0-02
	g Green Belt Area/Buffer Zone	0-29
	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	9.91 KLD
		Domestic	0.99 KLD
		Other	0.80 KLD
		Total	11.7 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 235<sup>th</sup> meeting held on 04-12-2019 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 28-10-2019 for 20 years.

As seen from the quarry plan there is a level difference of 2 meters within the mining area and taking this into consideration, the committee opined that 55% of the proposed proved quantity of 519031tons or 195124cum can be mined safely and scientifically to a quarry pit depth of 15meters for a lease period.

As per the combined sketch prepared by DMG there are 7 leases including this lease within 500 meter radius from this lease. Out of this the 3 leases were granted prior to 9.9.2013 and based on this proponent claimed exemption for these leases from cluster effect. And area of balance 4 leases including this lease is 8Acre 34 guntas and this being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 230meters 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 Aminbhavi kere which is at a distance of 3.5KM from the lease area.

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

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

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

**EIA Projects:**

**235.60** Proposed Molasses/B-heavy/ Sugarcane Juice based distillery/Ethanol Plant Project at Badagandi Village, Bilagi Taluk, Bagalkot District by M/s. Bilagi Sugar Mill Ltd. SEIAA 39 IND 2019

Sl. No	Particulate	Description
36.	Project and Address of the Project Proponent	New 60 KLPD molasses/B- heavy/ Sugarcane juice based distillery at Sr. 81/5, 81/6, 81/7, 82/3, 82/4, 83/5 village Badagandi, Tal. Bilagi, Dist. Bagalkot, Karnataka.
37.	Available land	For proposed distillery 13.1 acres Green belt area: 4.3 acre (33% of total area)
38.	Coordinates of the Project site	A: 16°21'35.56"N, 75°39'57.01"E, B: 16°21'29.81"N, 75°39'55.48"E C: 16°21'29.89"N, 75°40'7.76"E, D: 16°21'35.17"N, 75°40'6.60"E
39.	Type of project New/Expansion/modification/renewal	New Project
40.	Type of land (Forest/Govt. Revenue, Gomal, private/ Patta,	Private land

	Other )	
41.	Weather the project site fall within ESZ/ESA	NO
42.	Product	Molasses based distillery / Ethanol Plant (60 KLPD) R S & IS+ TA / ENA / Fuel Ethanol : 60 KLPD Fuel oil: 0.195 KLPD (One at a time)
43.	Operation days	Distillery plant will operate for 300 days
44.	Molasses requirement	B-Molasses (~ 6.2%) : 11160 MT for 57 days Operation Final Molasses (~4.5%) : 63900 MT for 243 days of operation
45.	Water requirement	Total fresh water requirement for proposed distillery will be 494 CMD.
46.	Source of water	Krishna River at a distance of 6.1 km in North East
47.	Boiler	Proposed for Distillery : Incineration Boiler - 33 TPH (45 bar (a) and 400 °C Existing Sugar Boiler : 150 TPH
48.	TG	Proposed distillery incineration boiler 4 MW TG ( double extraction cum condensing turbine)
49.	Electricity requirement	<b>Particulates</b>
		<b>Proposed</b>
		Electricity generation
		Consumption
50.	Fuel	Concentrated spent wash: 8.2 MT/hr (196.8 MTD) Bagasse: 6 MT/hr Or Coal: 2.0 MT/hr.
51.	Steam	Steam generation capacity 33 TPH Total steam consumption 19.76 TPH Wash to ENA : 8.40 TPH @ 3.5 kg / cm <sup>2</sup> (g) Wash to RS : 4.72 TPH @ 3.5 kg / cm <sup>2</sup> (g) RS to AA : 1.44 TPH @ 3.5 kg / cm <sup>2</sup> (g) Evaporation : 5.20 TPH @ 1.5 kg / cm <sup>2</sup> (g)
52.	Total effluent generation	Proposed distillery effluent generation: Spent wash 600-665 CMD, spent lees 146 CMD (100% lees shall be reuse in process), process condensate 504 CMD
53.	Effluent treatment system	Total spent wash generation will be max 600-665 CMD, it will be concentrated in MEE and then burn in proposed 33 TPH spent wash fired boiler. Condensate water will be recycled back in the process RO based condensate polishing unit of capacity 650 CMD will be provided

		Existing effluent 500 CMD from sugar unit. Treated water is recycled/reused in green belt development and ferti-irrigation.
54.	Ash	<b>Distillery</b> Coal ash from proposed distillery: 16.8 TPD (max 35% for Indian coal) Spent wash ash from proposed distillery: 25.58 TPD (13%) Spent wash ash collected from the furnace bottom hoppers shall be used as manure. Coal ash will be sold to the brick manufacturer. <b>Sugar</b> Existing bagasse ash generation: 15.34 TPD
55.	ETP sludge	Maximum sludge is recirculated back in the aeration tank. Excess of sludge from clarifiers is dewatered and partially dried in sludge drying beds.
56.	Air pollution control measures	Proposed for distillery : Electrostatic precipitator Existing with sugar unit: Electrostatic precipitator Existing sugar Stack: 76 m at 150 TPH, 52 m at 50 TPH boiler Proposed distillery stack height: 70 m
57.	Man-power	Proposed distillery skilled 20-30 & unskilled 30
58.	Total project cost	Project cost of the distillery: Rs. 97.5 Cr.
59.	Total EMP capital cost	Total 2.6 Cr.
<b>60. Environment Sensitivity</b>		
6	Nearest Village	Badagandi at 1.87 in SW, Rolli in 3.13 km in ENE
6	Nearest Densely populated area	Bilagi 3.54 km away from the project site
6	Nearest Town / City	Bilagi at 3.54 km in SW
6	Nearest IMD station	Bagalkot (43160), Karnataka, India 20.75 km in SSW
6	Nearest National Highway	National Highway 124 is 1.98 km in N
6	Nearest Railway station	Railway station Mugalalli Halt 17.5 km in SE
6	Nearest Airport	Belagavi Airport 124.36 km in SW.
6	National Parks, Wildlife Sanctuaries, Biosphere Reserves, Tiger/ Elephant Reserves, Wildlife Corridors etc. within 10 km radius	No any in within 10 km of project area
6	River/Water Body	Krishna River flowing at a distance of 6.1 km in north

	(within 10 km radius)	east
7	Interstate boundary	None in 10 km

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 235<sup>th</sup> meeting held on 02-12-2019 to provide clarification/additional information.

The proponent has stated that he has obtained EC during Sep 2019 for increasing the crushing capacity from 5000TCD to 10000TCD and Co generation power from 30MW to 60MW. At that point of time molasses based distilleries were not in the ambit of B1 category and they were under A category. Because of this the proponent has stated that he has not made out any application for distillery purpose. The proponent has stated that he has made out application at MoEF &CC New Delhi for 60KLPD Distillery/Ethanol plant and based on this MoEF&CC have issued ToRs and studies and Public Hearing have been taken up based on these ToRs. By the time the report was readied a policy decision was taken categorizing molasses based distilleries less than 100KLPD under B1 category. In view of this changed policy the proponent has stated that he has made out this application to SEIAA for further appraisal of the EIA report prepared thereon.

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

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

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

**235.61** Proposed Expansion and Modification of Mixed Use Development Project "shree Technopolis" at Sy.Nos. 36/2(P) of Yamaluru & Sy.No.123, 124,125, 126/A, 130/1, 130/2A, 131/1A, 131/1B, 131/2A, 131/2B, 131/3, 131/4, 131/5A, 131/5B, 131/6, 131/7, 131/8, 132/1, 132/2, 133/1, 133/2, 133/3, 133/4, 134/1, 134/2, 134/3, 135/1, 135/2, 136/1, 136/2, 136/3, 137/3A, 137/3B, 137/4, 149/1, 149/2, 149/3A, 149/3B, 149/3C, 150/1, 150/2, 150/3, 150/4, 150/5A, 150/5B, 151/1, 151/2, 151/3, 151/4, 151/5, 151/6, 151/7, 152, 153/1, 153/2, 153/3, 153/4, 154, 155//1, 155/2A, 155/2B, 156, 157/2, 157/3A, 157/3B, 159/1B, 159/2, 160 of Ammani Bellandur Khane Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Divya Sree Infrastructure Projects Pvt Ltd(SEIAA 14 CON 2019)

SI	PARTICULARS	INFORMATION
----	-------------	-------------

No		
1	Name & Address of the Project Proponent	M/s. Divyasree Infrastructure Projects Pvt. Ltd., Divyasree Chambers, 'A' Wing #11, O'shaugnessy Road, Bangalore 560 025.
2	Name & Location of the Project	"DivyasreeTechnopolis" at Survey No.s 36/2(P) of Yamaluru&Sy No. 123, 124, 125, 126/4A, 130/1, 130/2A, 131/1A, 131/1B, 131/2A, 131/2B, 131/3, 131/4, 131/5A, 131/5B, 131/6, 131/7, 131/8, 132/1, 132/2, 133/1, 133/2, 133/3, 133/4, 134/1, 134/2, 134/3, 135/1, 135/2, 136/1, 136/2, 136/3, 137/3A, 137/3B, 137/4, 149/1, 149/2, 149/3A, 149/3B, 149/3C, 150/1, 150/2, 150/3, 150/4, 150/5A, 150/5B, 151/1, 151/2, 151/3, 151/4, 151/5, 151/6, 151/7, 152, 153/1, 153/2, 153/3, 153/4, 154, 155/1, 155/2A, 155/2B, 156, 157/2, 157/3A, 157/3B, 159/1B, 159/2, 160 of AmmaniBellandurKhane Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District.
3	Co- ordinates of the Project Site	Latitude : 12° 56' 54.75" N Longitude : 77°41' 24.51" E
4	Environmental Sensitivity	
	a	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) Water Bodies: Bellandur lake (South West at 1.2 Km) and Varthur lake (South East at 2.5 Km) are the nearest water bodies to 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. No water body is located within or adjoining the project.
5	Type of Development	
	a	New / Expansion / Modification Expansion and Modification
	b	Residential Apartment / Villas/ Row Houses / Vertical Development / Mixed Use Development



	Office /IT/ITES/ Mall/ Hotel/ Hospital/ other	
c	Residential Township/ Area Development Projects	Not Applicable.
6	Plot Area (Sqm)	2,38,155sq m (58.85 Acres)
7	Built Up area (Sqm)	6,88,867.66 sq m
8	Building Configuration [Number of Blocks/ Towers/ Wings etc., with Numbers of Basements and Upper Floors]	Number of blocks: 8 Commercial / IT Park Blocks, 4 Residential Towers, Villa Blocks (A to H) and 2 Club House.
9	Number of units in case of Construction Projects	Mixed Use Development Project (Commercial / IT Park, Residential Apartment (578 Flats) and Villas (89 units))
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In crores) towards expansion cost	Rs.146,00,00,000/- (Rupees One Hundred and Forty Six Crores only)
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
a	Ground Coverage Area	82,474.24 sq m (34.63%)
b	Kharab Land	-
c	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	84,687.36 sq m (35.89%)
d	Internal Roads	68,856.54 sq m (29.48%)
e	Paved area	
f	Others Specify	
g	Parks and Open space in case of Residential Township/ Area Development Projects	-
h	Total	
14	Details of demolition debris and / or Excavated earth	
a	Details of Debris (in cubic meter/MT) if it involves Demolition of existing	Construction debris (200 cum) will be used for road, pavement formation

	structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	activities within the project site.	
b	Total quantity of Excavated earth (in cubic meter)	The EMP was planned and implemented during the course of construction activity in the project. Presently excavated soil will be reused within the project.	
c	Quantity of Excavated earth propose to be used in the 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	NA	
15	WATER		
I	Construction Phase		
a	Source of water	BWSSB	
b	Quantity of water for Construction in KLD	NA	
c	Quantity of water for Domestic Purpose of KLD	25 KLD	
d	Waste water generation in KLD	23 KLD	
e	Treatment facility proposed and scheme of disposal of treated water	Sewage generated from construction site will be conveyed to STP located in the blocks which are in operation and the capacity of STP is adequate to handle the sewage	
II.	Operational Phase		
a	Total Requirement of Water in KLD	Fresh	1330 KLD
		Recycled	671KLD
		Total	200 KLD
b	Source of water	BWSSB	
c	Waste water generation in KLD	2001 KLD	
d	STP capacity	1801 KLD	
e	Technology employed for Treatment	-	
f	Scheme of disposal of excess treated water if any	The treated sewage will be re-used for gardening and flushing of toilet etc.	
16	Infrastructure for Rain water harvesting		

	a	Capacity of sump tank to store Roof run off	400 cum/day capacity roof top rain water storage tank is proposed
	b	No's of Ground water recharge pits	About 47 pits
17		Storm water management plan	Appended in the report
18		WASTE MANAGEMENT	
	I	Construction Phase	
	a	Quantity of Solid waste generation and mode of Disposal as per norms	62.5 Kg/day Presently, Commercial buildings are under Operation and the Organic Waste generated from these blocks is treated in existing organic converter. The domestic organic waste from the construction site will also be treated in the same organic converter.
	II	Operational Phase	
	a	Quantity of Biodegradable waste generation and mode of Disposal as per norms	750 Kg/day -Organic solid waste will be treated in an organic converter and product will be used as manure for Landscape development.
	b	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	499 Kg/day will be handed over to recyclers.
	c	Quantity of Hazardous Waste generation and mod of Disposal as per norms	5000 Litres/annum will be disposed to KSPCB approved and CPCB register waste oil re-processors.
	d	Quantity of E waste generation and mode of Disposal as per norms	NA
19		POWER	
	a	Total Power Requirement - Operational phase	30,000 kVA is being augmented from BESCO
	b	Number of DG set and capacity in KVA for Standby Power Supply	6 X 1500 KVA capacity DG sets
	c	Details of Fuel used for DG Set	Ultra-Pure Low Sulphur Content Diesel
	d	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per	Details appended

	ECBC 2007	
20	PARKING	
a	Parking Requirement as per norms	629 cars
b	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	-
c	Internal Road width (RoW)	Maximum driveway of 19 m provided all-round the buildings
21	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 219<sup>th</sup> meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

The proponent and Environment Consultant attended the 223<sup>rd</sup> meeting held on 28-5-2019 to provide clarification and additional information. The committee screened the proposal considering the information provided in the statutory application-Form I, Conceptual plan and clarification/additional information provided during the meeting. The proponent has stated that he has made out the application during January 2019 and started collecting data from March 2019 and requested the committee to permit him to utilize this data for preparation of EIA report. The committee after due deliberation decided to permit the proponent to utilize the same data for EIA Studies. 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.

- 1) Details of the Kharab land and its position on the village survey map may be detailed and submitted.
- 2) Ground water potential and level in the study area may be studied.
- 3) Scheme for waste to energy plant to process the entire organic waste generated from the entire project.
- 4) Management plan to utilise the entire earth generated within the site may be worked out and submitted.

- 5) Utilization of the entire terrace for solar power generation may be worked out and submitted along with layout, efficiency of panels, and cost estimation.
- 6) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 7) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 8) To submit the Details of trees to be felled and the scheme for development of green belt all around the project site.
- 9) The applicability of the recent NGT order on buffer zone for water bodies and nalas may be studied and submitted.
- 10) ECBC norms to be fully complied with for design and choice of equipments. Simulation modeling studies to be conducted and quantify the energy savings. Indicate the energy utilization intensity (KWH/year/BUA), benchmark this value for similar commercial buildings.
- 11) Carbon footprint to be estimated for construction and operation phase. Suitable offsets to be implemented, quantified and detail calculation to be submitted to try and achieve near zero carbon foot print.
- 12) Traffic simulation studies to be conducted for present and projected traffic densities along with transportation study for construction phase. Traffic plan to be prepared in order to reduce vehicular emissions and project the vehicular emissions through linear air modeling.
- 13) Provide baseline studies of indoor air quality at each floor level and basement of other commercial buildings developed by the proponent. Detail the measures to monitor indoor air quality during operation phase.
- 14) The NOC from the Airport authority regarding the height of the building permitted may be obtained and submitted.
- 15) Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.
- 16) The proponent to submit the list of flora and fauna found in the study area of 10 KM radius if there are any Schedule-I fauna and RET species the proponent to come up with suitable wildlife forest conservation plan prepared in consultation with forest authorities along with budget back up to be carried out in a time bound schedule.
- 17) The structural stability may be worked out wherein the vertical expansion over the existing building and got vetted by the third party independent consultant may be submitted.
- 18) Entire history of the project in the chronological order right from the beginning and the actions taken thereon may be listed and submitted.

Accordingly the ToRs were issued vide letter dated 6-7-2019.

The proponent has submitted the EIA report vide letter dated: 16-7-2019.

The proposal is therefore placed before the committee for EIA appraisal.

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

The committee appraised the proposal considering the information provided in the statutory application-Form-I, Conceptual plan, EIA Report and clarification/information provided during the meeting. The committee noted that earlier an EC was issued during the year 2012 for the BUA of 6,05,331.10 sqmts spread over an area of 58.85 acres. Further an amendment to EC was issued covering BUA of 6,22,745 sqmts during the year 2016 and further corrigendum was issued for BUA of 6,21,031 sqmts dated:12-6-2018 consisting of 7 commercial blocks with a BUA of 3,48,235 sqmts and 6 residential blocks, 8 villa blocks and two club houses with a BUA of 2,72,796 sqmts for residential purpose. Now the construction as per corrigendum to EC issued in case of BUA of 4,64,354.33 sqmts which consists of residential of 1,96,019.12 sqmts and commercial of 2,68,335.21 sqmts is completed and under operation. Now this application is for expansion and modification of 1,56,677.05 sqmts consisting of 79,777.03 sqmts of residential and commercial of 79,900 sqmts into a BUA of 2,27,511 sqmts consisting of 85,776.09 sqmts of residential and 1,41,735 sqmts of commercial with no change in the site area but the coverage area have been increased from 76,760.49 sqmts to 82,474.24 sqmts i.e., from 32.52% to 34.63%. Now the total BUA envisaged is 6,88,867.30 sqmts as against the 6,21,031.36 sqmts envisaged earlier. As far as buffer zones the same was incorporated in the earlier concept plan of 2012 and has got approved by BDA and BBMP and proponent has reiterated that since there is no change in the site area the concept plan worked out earlier wherein the buffer areas are mentioned holds good now also. As far as kharab lands are concerned the proponent has stated that he has kept the kharab land as it is keeping open for public use and earlier concept plan was approved by the planning authority taking this fact into consideration. Hence he once again reiterated that the concept plan earlier envisaged as far as buffer zone and kharab land are concerned holds good now also.

The committee also observed from the records, that the proponent has not submitted the certified compliance to earlier EC issued for which the proponent has stated that he is regularly filing compliance to Regional office and they have also inspected the site but certified copy has not yet been issued for which the committee directed him to provide the details of the submission of six monthly compliance report to MoEF & CC and dates of their inspection. Hence, the committee after discussion decided to defer 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 219<sup>th</sup> meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

The proponent and Environment Consultant attended the 223<sup>rd</sup> meeting held on 28-5-2019 to provide clarification and additional information. The committee screened the proposal considering the information provided in the statutory application-Form I, Conceptual plan and clarification/additional information provided during the meeting. The proponent has stated that he has made out the application during January 2019 and started collecting data from March 2019 and requested the committee to permit him to utilize this data for preparation of EIA report. The committee after due deliberation decided to permit the proponent to utilize the same data for EIA Studies. 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.

- 1) Details of the Kharab land and its position on the village survey map may be detailed and submitted.
- 2) Ground water potential and level in the study area may be studied.
- 3) Scheme for waste to energy plant to process the entire organic waste generated from the entire project.
- 4) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 5) Utilization of the entire terrace for solar power generation may be worked out and submitted along with layout, efficiency of panels, and cost estimation.
- 6) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 7) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 8) To submit the Details of trees to be felled and the scheme for development of green belt all around the project site.
- 9) The applicability of the recent NGT order on buffer zone for water bodies and nalas may be studied and submitted.

- 10) ECBC norms to be fully complied with for design and choice of equipments. Simulation modeling studies to be conducted and quantify the energy savings. Indicate the energy utilization intensity (KWH/year/BUA), benchmark this value for similar commercial buildings.
- 11) Carbon footprint to be estimated for construction and operation phase. Suitable offsets to be implemented, quantified and detail calculation to be submitted to try and achieve near zero carbon footprint.
- 12) Traffic simulation studies to be conducted for present and projected traffic densities along with transportation study for construction phase. Traffic plan to be prepared in order to reduce vehicular emissions and project the vehicular emissions through linear air modeling.
- 13) Provide baseline studies of indoor air quality at each floor level and basement of other commercial buildings developed by the proponent. Detail the measures to monitor indoor air quality during operation phase.
- 14) The NOC from the Airport authority regarding the height of the building permitted may be obtained and submitted.
- 15) Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.
- 16) The proponent to submit the list of flora and fauna found in the study area of 10 KM radius if there are any Schedule-I fauna and RET species the proponent to come up with suitable wildlife forest conservation plan prepared in consultation with forest authorities along with budget back up to be carried out in a time bound schedule.
- 17) The structural stability may be worked out wherein the vertical expansion over the existing building and got vetted by the third party independent consultant may be submitted.
- 18) Entire history of the project in the chronological order right from the beginning and the actions taken thereon may be listed and submitted.

Accordingly the ToRs were issued vide letter dated 6-7-2019.

The proponent has submitted the EIA report vide letter dated: 16-7-2019.

The proposal is therefore placed before the committee for EIA appraisal.

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

The committee appraised the proposal considering the information provided in the statutory application-Form-I, Conceptual plan, EIA Report and clarification/information provided during the meeting. The committee noted that



earlier an EC was issued during the year 2012 for the BUA of 6,05,331.10 sqmts spread over an area of 58.85 acres. Further an amendment to EC was issued covering BUA of 6,22,745 sqmts during the year 2016 and further corrigendum was issued for BUA of 6,21,031 sqmts dated:12-6-2018 consisting of 7 commercial blocks with a BUA of 3,48,235 sqmts and 6 residential blocks, 8 villa blocks and two club houses with a BUA of 2,72,796 sqmts for residential purpose. Now the construction as per corrigendum to EC issued in case of BUA of 4,64,354.33 sqmts which consists of residential of 1,96,019.12 sqmts and commercial of 2,68,335.21 sqmts is completed and under operation. Now this application is for expansion and modification of 1,56,677.05 sqmts consisting of 79,777.03 sqmts of residential and commercial of 79,900 sqmts into a BUA of 2,27,511 sqmts consisting of 85,776.09 sqmts of residential and 1,41,735 sqmts of commercial with no change in the site area but the coverage area have been increased from 76,760.49 sqmts to 82,474.24 sqmts i.e., from 32.52% to 34.63%. Now the total BUA envisaged is 6,88,867.30 sqmts as against the 6,21,031.36 sqmts envisaged earlier. As far as buffer zones the same was incorporated in the earlier concept plan of 2012 and has got approved by BDA and BBMP and proponent has reiterated that since there is no change in the site area the concept plan worked out earlier wherein the buffer areas are mentioned holds good now also. As far as kharab lands are concerned the proponent has stated that he has kept the kharab land as it is keeping open for public use and earlier concept plan was approved by the planning authority taking this fact into consideration. Hence he once again reiterated that the concept plan earlier envisaged as far as buffer zone and kharab land are concerned holds good now also.

The committee also observed from the records, that the proponent has not submitted the certified compliance to earlier EC issued for which the proponent has stated that he is regularly filing compliance to Regional office and they have also inspected the site but certified copy has not yet been issued for which the committee directed him to provide the details of the submission of six monthly compliance report to MoEF & CC and dates of their inspection. Hence, the committee after discussion decided to defer the subject.

The proposal was placed before the 235<sup>th</sup> SEAC meeting held on 03.12.2019 for appraisal.

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

As far as compliance to the earlier EC is concerned the Regional MoEF&CC authorities have pointed out certain deficiencies in respect of certain conditions and consequent to this the proponent submitted the replies /clarifications regarding the deficiencies and the same are accepted by Regional MoEF&CC except the commencement of work before the issue of EC in Dec-2012 and the same has been forwarded to SEIAA.

As far as CER is concerned the proponent has stated that he has earmarked Rs 1.5crores to take up Greenery, Soil and water harvesting structures in Bangalore University Gnanabharathi campus in consultation with Bangalore University authorities.

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

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

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

**Reconsidered Subject:**

**235.62** 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, 4 <sup>th</sup> Floor, Salarpuria Windsor, No.3, Ulsoor Road, Bengaluru - 560 042.
2	Name & Location of the Project	<b>Proposed Residential Development</b> 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.,)
	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.
		➤ Bommenahalli Lake - 300 m from the project site.
5	Type of Development	
	a.	Residential Apartment / Villas
		Residential Apartment

		/ Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	
	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 Development Projects	Included in the landscape area
	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	<table border="1"> <tr> <td>Fresh</td> <td>105 KLD</td> </tr> <tr> <td>Recycled</td> <td>151 KLD</td> </tr> <tr> <td>Total</td> <td>256KLD</td> </tr> </table>	Fresh	105 KLD	Recycled	151 KLD	Total	256KLD
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 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 conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> <li>➤ Solar water heater</li> <li>➤ Solar lighting</li> <li>➤ Cu wound transformer</li> <li>➤ LED</li> </ul> Energy Savings: 25.0%				
	PARKING						
	a.	Parking Requirement as per norms	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Required</td> <td style="width: 50%; text-align: center;">Provided</td> </tr> <tr> <td style="text-align: center;">363 Nos.</td> <td style="text-align: center;">368Nos.</td> </tr> </table>	Required	Provided	363 Nos.	368Nos.
Required	Provided						
363 Nos.	368Nos.						

		Road	Existing	Modified	Changed Scenario
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Nimbekai pura 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 233<sup>rd</sup> meeting held on 31<sup>st</sup> October 2019 for appraisal.

The proponent and Environment consultant attended the 233<sup>rd</sup> 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.

The replies submitted by the proponent were placed before the 235<sup>th</sup> SEAC meeting held on 03.12.2019 for reconsideration.

The replies submitted by the proponent were perused after discussion and deliberation committee opined that the replies submitted in case of storage facility for rain water from the hard paved area is not acceptable and the proponent has to work out the details to store the entire quantity for using the same for primary purpose and submit.

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

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

**235.63** Proposed Building Stone Quarry over an extent of 2.00 Acre in Sy.No.649 of Holagundi Village, Hadagali Taluk, Ballari District by Sri.Igol Suresh Kumar(SEIAA 482 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Sri Igol Suresh Kumar S/o IgolBasavarajappa, VijayanagaraBadavane, 5 <sup>th</sup> Ward, HuvinaHadagali, Ballari District, Karnataka																		
2	Name & Location of the Project	"Building Stone Quarry" Sy. No. 649) Holagundi Village, Hadagali Taluk, Ballari District.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">Datum - wgs84</th> </tr> <tr> <th>Pillar</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>15°01'58.58678"</td> <td>75°59'17.82066"</td> </tr> <tr> <td>2</td> <td>15°01'59.71257"</td> <td>75°59'21.00075"</td> </tr> <tr> <td>3</td> <td>15°01'57.30185"</td> <td>75°59'21.89402"</td> </tr> <tr> <td>4</td> <td>15°01'56.20688"</td> <td>75°59'18.71105"</td> </tr> </tbody> </table>	Datum - wgs84			Pillar	Latitude	Longitude	1	15°01'58.58678"	75°59'17.82066"	2	15°01'59.71257"	75°59'21.00075"	3	15°01'57.30185"	75°59'21.89402"	4	15°01'56.20688"	75°59'18.71105"
Datum - wgs84																				
Pillar	Latitude	Longitude																		
1	15°01'58.58678"	75°59'17.82066"																		
2	15°01'59.71257"	75°59'21.00075"																		
3	15°01'57.30185"	75°59'21.89402"																		
4	15°01'56.20688"	75°59'18.71105"																		
4	Type of Mineral	<b>Building Stone</b>																		
5	New / Expansion / Modification / Renewal	New																		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Govt.Land																		
7	Whether the project site fall within ESZ/ESA	No																		
8	Area in Ha	0.809 Ha (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	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	30,013Tonnes per annum salable Building Stone Quarry
14	Quantity of Topsoil/Overburden in cubic meter	Nil
15	Mineral WasteHandled (Metric Tons/ CUM)	613 Tons/ Annum
16	Project Cost (Rs. In Crores)	50 lakhs
17	Environmental Sensitivity	
	a. Nearest Forest	None within 5 Km radius
	b. Nearest Human Habitation	HolagundiVillage - 1.20 Kms(Eastern)
	c. Educational Institutes, Hospital	HuvinaHadagali - 5.7Kms (SW
	d. Water Bodies	Holagundi Village Surface water body - 1.15 Km (Eastern)
	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	0.494
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	
	d. Mineral Storage Area	--
	e. Infrastructure Area	
	f. Road Area	0.015
	g. Green Belt Area/ Buffer Zone	0.246
	h. Unexplored area	0.054
	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	4 KLD
		Domestic	1 KLD
		Total	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 229<sup>th</sup> 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, approved mining plan, prefeasibility report and clarification/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 Departments.

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

As per the quarry plan approved by DMG there is a level difference of 23 meters and taking this into consideration the committee opined that the proposed quantity of 57,042 cum or 1,50,023 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 10 meters. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

The proponent has stated that there is a existing cart track road to a length of 800 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.3.00 lakhs towards rejuvenation of Mudenure kere which is at a distance of 3.2 KM from the lease area.

However, in view of the boundary of Kappathguda Wildlife sanctuary extending at some points upto the Tungabhadra river bank, correct distance certificate has to be obtained from the Wildlife Authorities to know whether this mining area falls within the 10 KM from the boundary of Kappathguda. Hence the committee after discussion decided to reconsider after submission of the above information.

The replies submitted by the proponent were placed before the 235<sup>th</sup> SEAC meeting held on 03.12.2019 for reconsideration.

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

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

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

**235.64** Proposed Pink Granite Quarry Project at Sy.No.133/2 of Hire Kodagali Village, Hungund Taluk, Bagalkot District (3-11 Acres) By Smt. Chandrabhag Laxman Badiger (SEIAA 560 MIN 2019)

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Smt. Chandrabhag Laxman Badiger Kulkarni Peth, Behind Sajjan School, Ward No.2, Ilkal-587 125, Hungund Taluk, Bagalkot District
2	Name & Location of the Project	Hire Kodagali Pink Granite Quarry QL.Area Applied in 3-11 Acres(1.33 Ha) Sy.No. 133/2, Patta Land,Hire Kodagali Village, Hungund Taluk, Bagalkot District
3	Co-ordinates of the Project Site	Topo sheet No 57 A/1 Latitude:N 15 <sup>o</sup> 53' 50.7" to N 15 <sup>o</sup> 53' 55.8" Longitude: E 76 <sup>o</sup> 08' 25.1"to E 76 <sup>o</sup> 08'30.8"

4	Type of Mineral	Ornamental Stone
5	New / Expansion / Modification / Renewal	New
6	Type of Land(Forest, Government Revenue, Gomal,Private/Patta, Others	Patta Land
7	Whether the project site fall within ESZ / ESA	NO
8	Area in Ha.	1.33 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 guide line 2016.	NA.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh grant, No Quarry Pit
13	Annual Production Proposed (Metric Tons/CUM)/ Annum	2,000 Cum/Annum
14	Quantity of Top Soil / Over burden in cubic meter	13,335 Cum
15	Mineral Waste to be handled(Metric tonnes / CUM)/ Annum	6,000 Cum/Annum
16	Project Cost (in Crores)	0.25 Crore
17	Environmental Sensitivity	
	a. Nearest Forest	No Reserve Forest within 10.0 kms.
	b. Nearest Human Habitation	Hire Kodagali Tanda -1.47 kms NW
	c. Institutes, Hospital	Ilkal-6.51 kms NW
	d. Water Bodies	Ilkal Halla-5.39 kms West
	e. Others Specify	--
18	Applicability of General Condition of the EIA Notification, 2006.	--
19	Details of Land Use in Acres	
	a. Area for Mining /Quarrying	1.647 Acres (0.669 Ha)
	b. Waste Dumping Area	0.739 Acres (0.300 Ha)

	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	0.007 Acres (0.003 Ha)	
	f.	Road Area	0.114 Acres (0.046 Ha)	
	g.	Green Belt Area/Buffer Zone	0.463 Acres (0.188 Ha)	
	h.	Unexplored Area	0.305 Acres (0.124 Ha)	
	i.	Others Specify	--	
		Total	3.275 Acres(3-11 Acres) (1.330 Ha)	
20		Method of Mining / Quarrying	Open Cast Other Than Fully Mechanised Method (OTFM)	
21		Rate of replenishment in case of River Sand Project	NA	
22		Water Requirement		
	a.	Source of water	Borewell from nearby Village	
	b.	Total Requirement of Water in KLD	Domestic	0.99 KLD
			Gardening	1.00 KLD
			Dust Suppression	1.50 KLD
			Total	3.49 KLD
23		Storm water management plan	Drains will be constructed along the lease boundary & Check Dam at the end of the drain to contain the silt and sediments.	
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 231<sup>th</sup> 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, prefeasibility report, approved mining plan and clarification/information provided during the meeting. This is a proposal involving ornamental stone mining in patta land. The proponent has stated that the project has been cleared by the District Task Force consisting representative of DMG, Revenue Dept., Forest Department and land conversion order is also obtained. As per the quarry plan there is a level difference of 3 meters within the mining area and taking this into consideration the committee opined that the proposed gross quantity of 40,000 cum for a plan period of five years can be mined safely and scientifically to a quarry pit depth of 8 meters. The proponent has stated that the

recovery is 25% and waste is 75% and for waste handling the proponent has stated that he has earmarked 30 guntas of land.

As per the cluster sketch prepared by DMG there is one another quarry within 500 meter radius from this lease area the combined area of these two leases is 8 Acres 11 guntas and this being less than the threshold limit of 5 Ha the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. However the extended combined sketch is not forthcoming for which the proponent has stated that there are no other leases within the 500 meter extended area and he will submit the same.

As far as approach road is concerned the proponent has stated that there is an existing cart track road connecting the other quarry which is just 10 meters from this quarry connecting lease areas to all weather black topped road.

As far as CER is concerned the proponent has stated that he has earmarked Rs.5.00 lakhs for a plan period of five years to take up water supply, sanitation and plantation in the Govt school at Hirekodagali village which at 1.50 KM.

As the proponent has not submitted the extended cluster sketch for which the proponent agreed to submit the same.

Hence, the committee after discussion decided to reconsider after submission of the extended cluster sketch.

The replies submitted by the proponent were placed before the 235<sup>th</sup> SEAC meeting held on 03.12.2019 for reconsideration.

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

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

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

**By Permission of Chair:**

235.65 Proposed Building Stone Quarry Project at Sy.No.232/3B of Ugginakeri Village, Kalaghatgi Taluk, Dharwad District (1-20 Acres) By Sri N.B. Hiremath (SEIAA 689 MIN 2019)

The proposal was placed before the committee for appraisal.

The proponent and Environment consultant attended the 234<sup>th</sup> meeting held on 12-11-2019 to provide clarification/additional information.

As seen from the land use plan some discrepancies were found especially about 7.5meter buffer zone all round the lease area for which the proponent has stated that he will come back with the clarification. Hence the committee decided to defer.

Sl.No.	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	Sri N.B.Hiremath #7, Renuka Nivas, 3 <sup>rd</sup> Cross, Hosur Hubli-21, Dharwad District.	
2	Name & Location of the Project	Ugginakeri Building Stone Quarry, Extent: 1-20 Acres(0.61Ha) Sy No. 232/3B, Ugginakeri Village, Kalaghatagi Taluk, Dharwad District.	
3	Co-ordinates of the Project Site	sheet No 48 M/3	
		Latitude	Longitude
		15' 54.00"	01' 35.20"
		15' 55.73"	01' 35.79"
		15' 54.94"	01' 39.18"
D		15' 53.72"	01' 38.66"
4	Type of Mineral	Building Stone	
5	New / Expansion / Modification / Renewal	New	
6	Type of Land(Forest, Government Revenue, Gomal,Private/Patta, Others	Patta Land	
7	Whether the project site fall within ESZ / ESA	NO	
8	Area in Ha.	0.61 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 guide line 2016.	NA.	
12	Measurements of the existing quarry	Fresh grant, There is a old Quarry Pit	

	pits in case of ongoing/expansion/modification of mining proposals other than river sand	with an area of 5678.5 m <sup>2</sup>	
13	Annual Production Proposed (Metric Tons/CUM)/Annum	20,000 tonnes/Annum	
14	Quantity of Top Soil / Over burden in cubic meter	There is no Top Soil	
15	Mineral Waste to be handled(Metric tonnes / CUM)/Annum	1,053 tonnes/Annum	
16	Project Cost (in Crores)	0.25 Crore	
17	Environmental Sensitivity		
	a. Nearest Forest	Kuranakoppa Reserve Forest – 3.52 kms.	
	b. Nearest Human Habitation	Ugginakeri Village -1.57 kms	
	c. Institutes, Hospital	Hubli-10.00 kms	
	d. Water Bodies	Ugginakeri seasonal Water Tank- 0.35 kms Bedti Halla-3.74 kms	
	e. Others Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006.	--	
19	Details of Land Use in Acres		
	a. Area for Mining /Quarrying	1.116 Acres (0.454 Ha)	
	b. Waste Dumping Area	--	
	c. Top Soil Storage Area	--	
	d. Mineral Storage Area	--	
	e. Infrastructure Area	--	
	f. Road Area	0.054 Acres (0.022 Ha)	
	g. Green Belt Area	--	
	h. Unexplored Area	--	
	i. Others Specify-Buffer Zone	0.330 Acres (0.134 Ha)	
		Total	1.50 Acres (1-20 Acres) (0.610 Ha)
20	Method of Mining / Quarrying	Open Cast Other Than Fully Mechanised Method (OTFM)	
21	Rate of replenishment in case of River Sand Project	NA	
22	Water Requirement		
	a. Source of water	Borewell from nearby Village	
	b. Total Requirement of Water in KLD	Domestic	0.88 KLD
		Gardening	0.50 KLD
		Dust Suppression	1.50 KLD
		Total	2.88 KLD

23	Storm water management plan	Drains will be constructed along the lease boundary & Check Dam at the end of the drain to contain the silt and sediments.
24	Any other information specific to the project(Specify)	NA

The Proponent and Environment Consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 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 18-04-2019 for 20 years.

As seen from the quarry plan there is a level difference of 1 meters within the mining area and taking this into consideration, the committee opined that 50% of the proposed proved quantity of 196992tons or 79145cum can be mined safely and scientifically to a quarry pit depth of 10meters for a lease period.

As per the combined sketch prepared by DMG there are 3 leases including this lease within 500 meter radius from this lease. The total area of these 3 leases is 4Acre 20guntas and this being less than the threshold limit of 5 Ha. committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. The proponent has stated that the lease area is situated at a distance of 15KM from Attivari Bird sanctuary.

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

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.50 lakhs to take up rejuvenation of Ugginakeri kere which is at a distance of 0.35KM from the lease area.

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

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

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



**235.66 Proposed Pink Granite Quarry Project at Sy.No.250/1 of Balakundi Village, Hungund Taluk, Bagalkot District (1-12 Acres) By Sri Mohan D. Hosamani (SEIAA 690 MIN 2019)**

The proposal was placed before the committee for appraisal.

The proponent and Environment consultant attended the 234<sup>th</sup> meeting held on 12-11-2019 to provide clarification/additional information.

As seen from the land use plan some discrepancies were found especially about 7.5meter buffer zone all round the lease area for which the proponent has stated that he will come back with the clarification . Hence the committee decided to defer.

Sl.No.	PARTICULARS	INFORMATION															
1	Name & Address of the Project Proponent	Mohan D. Hosamani "Mahashakti", Joshi Galli 87 125 Taluk: Hungund, District: Bagalkot,															
2	Name & Location of the Project	Balakundi Granite Quarry, QL.No.716 Extent: 1-12 Acres(0.526Ha), Sy. No: 250/1 Balakundi Village, Hungund Taluk, Bagalkot District.															
3	Co-ordinates of the Project Site	sheet No 57 A/1 <table border="1"> <thead> <tr> <th></th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td></td> <td>55° 00.59''</td> <td>04° 39.17''</td> </tr> <tr> <td></td> <td>55° 01.33''</td> <td>04° 39.21''</td> </tr> <tr> <td></td> <td>55° 02.39''</td> <td>04° 41.98''</td> </tr> <tr> <td></td> <td>55° 00.24''</td> <td>04° 42.67''</td> </tr> </tbody> </table>		Latitude	Longitude		55° 00.59''	04° 39.17''		55° 01.33''	04° 39.21''		55° 02.39''	04° 41.98''		55° 00.24''	04° 42.67''
	Latitude	Longitude															
	55° 00.59''	04° 39.17''															
	55° 01.33''	04° 39.21''															
	55° 02.39''	04° 41.98''															
	55° 00.24''	04° 42.67''															
4	Type of Mineral	Ornamental Stone															
5	New / Expansion / Modification / Renewal	Expansion															
6	Type of Land(Forest, Government Revenue, Gomal, Private/Patta, Others)	Patta Land															
7	Whether the project site fall within ESZ / ESA	NO															
8	Area in Ha.	0.526 Ha															
9	Actual Depth of sand in the lease area in case of River	NA															

	Sand	
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 guide line 2016.	NA.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	There are 2 Quarry Pits Pit 1: Area-470.61 m <sup>2</sup> x 29.02m W x 19.13m L x 7.69m D Pit 2: Area-290.94 m <sup>2</sup> x 29.94m W x 11.79m L x 6.44m D
13	Annual Production Proposed (Metric Tons/CUM)/Annum	3,000 Cum/Annum (Maximum)
14	Quantity of Top Soil / Over burden in cubic meter	2,786 Cum
15	Mineral Waste to be handled(Metric tonnes / CUM)/Annum	7,000 Cum/Annum (Maximum)
16	Project Cost (in Crores)	0.25 Crore
17	Environmental Sensitivity	
	a. Nearest Forest	No Reserve Forest within 10.0 kms.
	b. Nearest Human Habitation	Balakundi Tanda-0.70 kms NE
	c. Institutes, Hospital	Ilkal-5.30 kms NE
	d. Water Bodies	Seasonal Balakundi water tank is 1.0 km NE Seasonal Ilkal Halla is 1.06 kms East
	e. Others Specify	--
18	Applicability of General Condition of the EIA Notification, 2006.	--
19	Details of Land Use in Acres	
	a. Area for Mining /Quarrying	0.877 Acres (0.355 Ha)
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	--
	e. Infrastructure Area	--
	f. Road Area	0.030 Acres (0.012 Ha)
	g. Green Belt Area	--
	h. Unexplored Area	--
	i. Others Specify-Buffer Zone	0.393 Acres (0.159 Ha)
	Total	1.300 Acres(1-12 Acres) (0.526 Ha)
20	Method of Mining / Quarrying	Open Cast Other Than Fully Mechanised Method (OTFM)

21	Rate of replenishment in case of River Sand Project	NA	
22	Water Requirement		
	a. Source of water	Borewell from nearby Village	
	b. Total Requirement of Water in KLD	Domestic	1.21 KLD
		Gardening	1.00 KLD
		Dust Suppression	1.00 KLD
		Total	3.21 KLD
23	Storm water management plan	Drains will be constructed along the lease boundary & Check Dam at the end of the drain to contain the silt and sediments.	
24	Any other information specific to the project(Specify)	NA	

The Proponent and Environment Consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

This is a proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments , Land conversion order. The lease granted earlier on 23.06.2002 for a period of 20years.And as per the audit report prepared by DMG no mining activity has been carried out since then till date.

As seen from the quarry plan there is a level difference of 2 meters and taking this into consideration committee opined that the proposed proved gross quantity of 28075cum can be mined safely and scientifically within the lease period to a depth of 12meters. The proponent has stated that the recovery is 30% in the form of commercial blocks i.e.8422cum and balance 70% in the form of waste i.e 19651cum for which the proponent has stated that he will convert this into building stone by obtaining permission from competent authorities.

As per the cluster sketch prepared by DMG there are 3 leases including this lease within the 500 meters radius from this lease and because of the fact that this lease was granted prior to 9.9.2013 the proponent claimed exemption for this lease from cluster effect. Hence the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has also stated that the project does not fall within the 10 KM radius from National park/Wildlife sanctuary.

As far as approach road is concerned the proponent has stated that there is an existing cart track road to a length 0.27KM 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.6.0Lakhs to take up rejuvenation of Balkundi kere which is at a distance of 1KM from the lease area.

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

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

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

**235.67** Proposed Ordinary Sand Quarry Project at Sy.Nos.140/2A, 140/3, 140/2B, 139/1, 139/3 and 139/4 of Jalihala Village, Badami Taluk, Bagalkote District (12-00 Acres) By Sri Prakash T Rathod (SEIAA 463 MIN 2019)

The proposal was placed before the committee for appraisal.

The proponent was invited for the 227<sup>th</sup> meeting held on 25-7-2019 to provide required clarification. The proponent remained absent without intimation.

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

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Prakash T Rathod Sector No.44, Navanagar, Bagalkote
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 12-00 Acres (4.85Hectares) in Patta Land at Sy. No. 140/2A, 140/3, 140/2B, 139/1, 139/3 and 139/4 of Jalihala Village, Badami taluk, Bagalkote district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15 <sup>0</sup> 49' 43.9" to N15 <sup>0</sup> 49' 33.1" Longitude: E75 <sup>0</sup> 45' 41.5" to E75 <sup>0</sup> 45' 40.6"
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	4.85
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	70,726Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 0.4 to 0.6m and Sand upto a depth of 3.0m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No waste is generated
16	Project Cost (Rs. In Crores)	2.05 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Belur Reseved Forest – 2.38 kms(NW)
	b. Nearest Human Habitation	Jalihal Village – 1.25 Km NW
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.
	d. Water Bodies	SasveHalla – 55 meters (NE).
	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	10-12	
	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	1-28	
	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	4.5 KLD
			Domestic	0.80 KLD
			Other	0.60 KLD
			Total	5.9KLD
23		Storm water management plan	<ul style="list-style-type: none"> <li>• Drains will be constructed along the boundary of activity area</li> <li>• Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season</li> </ul>	

The Proponent and Environment Consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

This is a proposal involving sand mining in patta land. And the proponent has stated that he has obtained NOCs from forest, Revenue and he has applied for land conversion and the same is under process. Also the lease has been notified by C&I on 18.07.2019.

As per the statement of the proponent the top level of the sand block is 541.5meters and this sand block is at a distance of 550meters from Sasive halla the dry weather flow of this is 532meters depth of mining proposed is 3.6meter including top soil depth of 0.6meter .The proponent has stated that he will take up mining sub dividing the block into three sub blocks and taking up mining in each block every year depositing the top soil in the untackled blocks and taking up mining in subsequent blocks after filling the mined block pit with top soil. Taking these into consideration the proposed quantity of 212000 tons can be mined safely and scientifically for a plan period of 3 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 adjacent to 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 and all weather road to a distance of 0.56KM.

As far as CER is concerned the proponent has stated that he has earmarked Rs.4.0 lakhs to take up Water, Sanitation works in Govt PU college Badami which is at a distance of 8KM from the lease area.

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

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

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

**235.68** 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 District, Karnataka - 573128.		
2	Name & Location of the Project	"Building Stone Quarry" of Sri. Krishnegowda, Sy No. 347/3, Kattaya village, Hassan Taluk, Hassan District, Karnataka.		
3	Co-ordinates of the Project Site	<b>Corner Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		BP-A	N 12° 54' 34.3"	E 76° 04' 09.5"
		BP-B	N 12° 54' 31.6"	E 76° 04' 11.4"

		BP-C	N 12° 54' 30.9"	E 76° 04' 10.2"
		BP-D	N 12° 54' 33.6"	E 76° 04' 08.3"
		<b>WGS-84 DATUM</b>		
4	Type of Project	<b>Building Stone</b>		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.404 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed 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	25,000TPA		
14	Quantity of Topsoil/Over burden in cubic meter	1,000 cu.m		
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 Reservoir - 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		
	d.	Mineral Storage Area	0-01	
	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 233<sup>th</sup> meeting held on 30-10-2019 to provide required clarification. The proponent remained absent.

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

The Proponent and Environment Consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 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 11-07-2019 for 20 years.

As seen from the quarry plan there is a level difference of 7 meters within the mining area and taking this into consideration, the committee opined that 40% of the

proposed proved quantity of 134298tons or 49740cum can be mined safely and scientifically to a quarry pit depth of 6meters for a lease period.

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

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

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

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

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

**235.69** Proposed Building Stone Quarry Project at Sy.No.20/P of Hattihalu Village, Honnali Taluk, Davanagere District (Q.L.No.468) (2-00 Acres) By M/s. Sri Durga Stone Quarry Works (SEIAA 555 MIN 2019)

The proponent was invited for the 231<sup>st</sup> meeting held on 25-9-2019 to provide required clarification. The proponent remained absent without intimation.

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

The Proponent and Environment Consultant attended the 235<sup>th</sup> meeting held on 04-12-2019 to provide clarification/additional information.

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	<b>Sri. Durga Stone Quarry Works</b> <b>Represented by. Sri. H.T. Hanumanthappa</b> S/o Sri. Thimmappa Haleshapura Village Channagiri Taluk, Davanagere District Karnataka.

2	Name & Location of the Project	Building Stone Quarry Cluster in 2-00 Acre of Govt.Land bearing Sy. No. 20/P of Hattihalu Village, Honnali Taluk, Davanagere District, Karnataka.		
3	Co-ordinates of the Project Site	Sri. H. T. Hanumanthappa 1-00 Acres		
		P.No	Latitude	Longitude
		1	N 14°07'17.30"	E 75°47'32.90"
		2	N 14°07'17.20"	E 75°47'34.60"
		3	N 14°07'14.70"	E 75°47'34.50"
		4	N 14°07'14.80"	E 75°47'32.70"
		Sri. L. Siddappa 0-20 Acre		
		P.No	Latitude	Longitude
		1	N 14°07'17.90"	E 75°47'40.80"
		2	N 14°07'17.90"	E 75°47'41.80"
		3	N 14°07'16.20"	E 75°47'41.40"
		4	N 14°07'16.20"	E 75°47'40.40"
		Sri. K. Hanumanthappa 0-20 acres(QL. No.468)		
		P.No	Latitude	Longitude
		1	N 14°07'19.40"	E 75°47'39.01"
		2	N 14°07'19.59"	E 75°47'41.31"
3	N 14°07'17.79"	E 75°47'41.41"		
4	N 14°07'18.10"	E 75°47'39.21"		
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New & Renewal (QL No. 468)		
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 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	NA		

	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	9,115 (Avg.) Tons/ Annum		
14	Quantity of Topsoil/Overburden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	93 Tons/ Annum		
16	Project Cost (Rs. In Crores)	0.25		
17	Environmental Sensitivity			
	a	Nearest Forest	Sulekere S.F-820m NE Bhadrapura R.F-2.15 Km S	
	b	Nearest Human Habitation	Komaranahalli Village -6.0 KM	
	c	Educational Institutes, Hospital	Davanagere which is District head quarter-57.0 Km	
	d	Water Bodies	Komaranahalli Kere- 2.98 Km E Ganadakatte Kere-4.78 Km E-SE Adrihalli Kere-4.45 Km S Tyagadakatte Kere-1.9 Km SW Chitapur Kere-620m W Daginakatte Kere-8.64 Km N Basavapatna Kere-7.68 Km N-NE Shanthisaga -SuleKere-7.9 Km E-NE Nalluru Kere-9.6 Km SE Tungabhadra River-8.16 Km W-NW Kanchagaranahalli Kere-7.98 Km NW	
	e	Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006	None		
19	Details of Land Use in Acres			
	a		Sri. H.T.	Sri. L. Sri. K.

	Particulars	Hanumanthappa 1-00 Acres	Siddappa 0-20 Acre	Hanumanthappa 0-20 acres (QL. No.468)
	b Area for Quarry	0.58	0.20	0.20
	c Area for safety barrier	0.42	0.30	0.30
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	3.20 KLD	
		Domestic	1.20 KLD	
		Other	2.10 KLD	
		Total	6.50 KLD	
2 3	Storm water management plan	Will be carried out.		
2 4	Any other information specific to the project (Specify)	None		

This proposal is for cluster of 3 quarry leases out of which 1 lease of 20guntas area was notified on 19.01.2004 and other two leases of which one lease of 1Acre and another of 20guntas are fresh leases and cluster notification has been issued by DMG. As per the audit report prepared by DMG in case of old lease it is indicated that no mining activity has been carried out during 2009-10 to 2018-19 and the proponent has stated even during the period from 2004-2009 no mining activity has been carried out.

The committee noted that this is a proposal involving building stone mining in Govt. land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept.

As seen from the quarry plan belonging to Hanumanthappa H T there is a level difference of 1 meters within the mining area and taking this into consideration the committee opined that 50% of the proposed proved quantity of 82877tons or 30695cum can be mined safely and scientifically to a quarry pit depth of 6 meters for a lease period.

As seen from the quarry plan belonging to Siddappa.L there is a level difference of 11 meters within the mining area and taking this into consideration the committee opined that 75% of the proposed proved quantity of 28553tons or 10575cum can be mined safely and scientifically to a quarry pit depth of 6 meters for a lease period.

As seen from the quarry plan belonging to Hanumanthappa.K there is a level difference of 11 meters within the mining area and taking this into consideration the committee opined that 75% of the proposed proved quantity of 47029tons or 19040cum can be mined safely and scientifically to a quarry pit depth of 6 meters for a lease period.


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 0.5KM connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.2.00 lakhs to take up rejuvenation of Chitapur kere which is at a distance of 620meters from the lease area.The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

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

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

  
Secretary, SEAC  
Karnataka

  
Chairman, SEAC  
Karnataka

\*\* \*\* \*\* \*\*