

Proceedings of the 229<sup>th</sup> SEAC Meeting held on 26<sup>th</sup>, 27<sup>th</sup> and 28<sup>th</sup> August 2019

26<sup>th</sup> August 2019

Members present in the meeting:

MS SEIAA  
7/9/2019  
Sr. Sec. O  
SEIAA

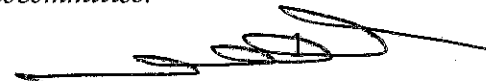
Shri. N. Naganna	-	Chairman
Shri. B. Chikkappaiah, IFS(R)	-	Member
Dr. N. Krishnamurthy	-	Member
Shri M. Srinivasa	-	Member
Dr. Vinodkumar C.S	-	Member
Shri. Vyshak V. Anand	-	Member
Shri D. Raju	-	Member
Shri J.G Kaveriappa	-	Member
Shri Venugopal .V	-	Member
Shri Md. Saleem I Shaikh	-	Member
Shri. Vijaya Kumar, 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 pertaining to all the subjects to be appraised in the 227<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 228<sup>th</sup> SEAC meeting held on 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> August 2019.**

The State Expert Appraisal Committee, Karnataka perused the proceedings of 228<sup>th</sup> SEAC meeting held on 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> August 2019 and confirmed the same.

*At the outset the committee noted the Office Memorandum issued by MoEF & CC, GOI, dated:8-8-2019, wherein NoC from Standing committees of National Board of Wildlife made mandatory in case of projects falling under para-4(i), 4(iii), 4(iv) and whereas for the subjects falling under section 4(ii) it is mandated that the sector specific expert of the SEAC has to list out appropriate conservation measures in the form of recommendation. In view of the above, committee after discussion and deliberation decided to constitute a sub-committee under the Chairmanship of Dr. B. Chikkappaiah with following SEAC members as the members of the subcommittee.*



- 1) Dr. N. Krishnamurthy
- 2) Shri D. Raju
- 3) Shri Venugopal .V
- 4) Shri Vyshak V Anand

**Combined EMP:**

While exempting leases not operative for three years or more and leases which have got Environmental Clearance as on 15-1-2016, the Notification stipulates that the area of these exempted leases is to be covered in EMP/Regional EMP. In this regard it has come to the notice of the committee that lot of proposals which were part of the cluster but exempted either due to EC granted prior to 15-1-2016 or lease granted prior to 9-9-2013 are coming for appraisal. In this regard committee after discussion and deliberation decided to request SEIAA to take up this matter with Mines & Geology Department to address the above issue and to issue proper clarification regarding appraisal in such cases.

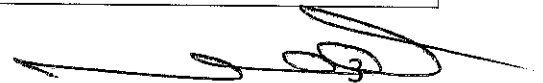
**26<sup>th</sup> August 2019**

**EIA proposals:**

**229.1** Proposed Residential Development at Sy.Nos.97, 98, 99/2, 100/1, 100/2, 100/3, 101/1, 101/2, 101/3, 104, 105/1, 106, 108, 109/2, 129/1, 130/1, 130/2, 124, 141/1, 141/2, 142/1, 142/2A1, 142/2A2, 142/2B, Gattahalli Village, Sarjapura Hobli, Anekal Taluk, Bengaluru by M/s. Akarshak Realty Pvt. Ltd.,(SEIAA 131 CON 2018)

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Akarshak Realty Pvt Ltd No. 10, Vittal Mallya Road, Bengaluru - 560 001.
2	Name & Location of the Project	Proposed Residential Development At Sy. Nos. 97, 98, 99/2, 100/1, 100/2, 100/3, 101/1, 101/2, 101/3, 104, 105/1, 106, 108, 109/2, 129/1, 130/1, 130/2, 124, 141/1, 141/2, 142/1, 142/2A1, 142/2A2, 142/2B, Gattahalli Village, Sarjapura Hobli, Anekal Taluk, Bengaluru.
3	Co-ordinates of the Project Site	Latitude: 12°52'29.98" N Longitude: 77°42'07.24" 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
		With reference to the project site there is a nala kharab for which a buffer of 25m & 35m has been left from the edge of the nala kharab as per the NGT order No. OA 222/2014 dated 04.05.2016. Gattahalli Lake is at a distance of 630 m.
		With reference to the project site there is a nala

	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.	kharab for which a buffer of 25m & 35m has been left from the edge of the nala kharab as per the NGT order No. OA 222/2014 dated 04.05.2016. Gattahalli Lake is at a distance of 630 m.
5	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other	Residential Apartment
b.	Residential Township/ Area Development Projects	Area Development project
6	Plot Area (Sqm)	1,28,082 Sqmt (31 Acres 26 Guntas)
7	Built Up area (Sqm)	5,67,998.20 Sqmt
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower 1-16: 2B+G+29UF Tower 17-25: 2B+G+30UF
9	Number of units in case of Construction Projects	The project comprises of 2,777 Nos. of apartments and 278 Nos. of EWS units in 25 Towers. Hence the total numbers of units are 3,055 Nos.
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	Rs. 1,100 Crores
12	Recreational Area in case of Residential Projects / Townships	Park & Open space - 12,569.53 Sqmt
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	14,333.00 Sqmt
b.	Kharab Land	2,225.75 Sqmt
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	72,847.91Sqmt
d.	Internal Roads	28,410.21Sqmt
e.	Paved area	--
f.	Others Specify	Area left for temple -202.34 Sqmt Civic Amenity Area - 6,285.00 Sqmt Road widening area -646.00 Sqmt Service Area - 3,131.02 Sqmt
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Included in the landscape area (12,569.53 Sqmt)
h.	Total	1,28,082Sqmt



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)	5,28,232 Cum						
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	5,28,232 Cum						
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	Labor camp mobile STP Treated Water for construction purpose and External authorized tanker for domestic purpose.						
b.	Quantity of water for Construction in KLD	84.0 KLD						
c.	Quantity of water for Domestic Purpose in KLD	165.0 KLD						
d.	Waste water generation in KLD	156 KLD						
e.	Treatment facility proposed and scheme of disposal of treated water	The total sewage generated from construction site & labor camp is 156 KLD which will be treated in a mobile STP of capacity 160 KLD; Treated sewage will be re-used for Dust Suppression, Gardening & Construction purpose.						
II.	Operational Phase							
a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>1,588 KLD</td> </tr> <tr> <td>Recycled</td> <td>794 KLD</td> </tr> <tr> <td>Total</td> <td>2,382 KLD</td> </tr> </table>	Fresh	1,588 KLD	Recycled	794 KLD	Total	2,382 KLD
Fresh	1,588 KLD							
Recycled	794 KLD							
Total	2,382 KLD							
b.	Source of water	Borewells						
c.	Waste water generation in KLD	2,025 KLD						
d.	STP capacity	1,575 KLD, 150 KLD, 180 KLD and 135 KLD						
e.	Technology employed for Treatment	Sequential Bio-Reactor Technology						
f.	Scheme of disposal of excess treated water if any	For Flushing - 794 KLD For Landscaping - 583KLD For Car Washing- 175 KLD						

		Excess to construction purpose - 270 KLD	
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	300 Cum(215 cum + 25 cum + 35 cum + 25 cum)
	b.	No's of Ground water recharge pits	79 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	330 kg/Day from Construction Site & 330 kg/Day from Labor Camp. Solid waste generated from the labor camp and construction site 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	4.7MT/Day. Biodegradable wastes will be segregated at the source and will be processed in proposed organic waste converter.
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	3.1 MT/Day. Non-biodegradable Wastes will be given to the waste recyclers.
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 4.9l/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	20,000 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1,010 kVA X 10 Nos.
	c.	Details of Fuel used for DG Set	2,116 l/hr
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar lighting & water heaters HF ballast Cu wound transformer PHE pumps LED Energy Savings: 25%
20	PARKING		
	a.	Parking Requirement as per norms	Required
			3,208 Nos.
			Provided
			3,500 Nos.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic Report will be submitted along with EIA Report.

c.	Internal Road width (RoW)	8.0m
----	---------------------------	------

The proposal is placed before the committee for appraisal.

The proponent and Environmental Consultant attended the 208<sup>th</sup> meeting held on 22<sup>nd</sup> Sept 2018 to provide required clarification/additional information.

The committee screened the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, proposed ToR and clarification/additional information provided during the meeting. The committee appraised the proposal as B1 since the built up area is more than 1,50,000 Sqm and 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) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 2) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 3) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 4) Rain water harvesting/storage details may be worked out.
- 5) 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 of the carrying capacity of the nalas.
- 6) 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.
- 7) The applicability of the recent NGT order on buffer zone for water bodies and nalas may be studied and submitted.
- 8) Carbon foot print during construction phase and operational phase to be estimated and suitable offsets to be suggested.
- 9) Explore the feasibility of providing water body of suitable size to act as a heat sink and aeration of the discharge from STP.
- 10) Since the project is coming in water stressed area extensive studies of underground water capacity may be conducted and submitted.
- 11) The total energy embodiment in the building materials used for construction to be estimated and efforts made to reduce the total energy embodiment of the building. Also estimate the energy embodiment index(total energy embodiment/ BUA above ground)
- 12) Details, nature and position of kharab land and the purpose for which the kharab land has been reserved may be marked in the concept plan.

Accordingly ToRs were issued on 26-10-2018. The proponent has submitted the EIA report on 29-7-2019.

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



The Proponent and the Environmental consultant attended 229<sup>th</sup> meeting held on 26-8-2019 to provide clarification/additional information.

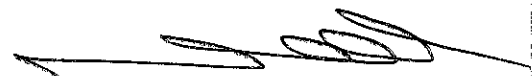
The committee appraised the proposal considering the information provided in the statutory application-Form-I, prefeasibility report, EIA Report and clarification/information provided during the meeting. As seen from the village survey map, there are two nalas out of which one being secondary nala cuts across the project site from east west direction likewise another tertiary nala cuts across from east west direction. For which the proponent has stated that he has left 35 meter buffer zone from the secondary nala and 25 meter on either side of tertiary nala. In addition to the above there is a tertiary nala on the southern side of the project site and this is outside the project site and the proponent has stated in addition to the distance between the tertiary nala and boundary of the project site he has left 16 meter setback within the project site. Overall there is 2225.75 sqmts of kharab land in the form of natural nala and 2 guntas i.e., 202.34 sqmts of kharab land in the form of temple. The proponent has stated the entry to the temple has been kept open for the public use. The proponent has also stated that he will go for triple line plumbing in order to reduce the demand on the fresh water. The proponent has also stated that he will go for low energy embodied building material for construction.

As far as CER is concerned the proponent has stated that he has earmarked Rs.5.5 crores and after discussion and deliberation committee decided to divert these funds to the recent rain devastated Kodagu District as a special case.

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

- 1) Earthwork management has to be reworked and submitted by managing the entire earth within the project site and taking into consideration the level difference within the project site.
- 2) Terrace rain water harvesting has been provided taking into consideration 18.5 mm of rainfall/day seems to be less and has to be reworked taking into consideration realistic rainfall intensity.
- 3) The distance between the boundary of the Bannerghatta National park and the project site which is said to be 15 KM has to be substantiated with relevant coordinates.
- 4) Rain water storage generated from hard surface has to be done separately and suitable treatment scheme for the same has to be submitted for its reuse for the primary purpose.

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



**229.2 Proposed Residential Development Project at Sy.Nos.41/2, 42/1, 42/2, 43/3, 43/4, 43/5, 43/6, 43/7A, 43/7B, 43/8, 43/9 of Panathur Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru Urban District by M/s. Shivakar Infra Pvt Ltd (SEIAA 24 CON 2019)**

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Shivakar Infra Private Limited, No. 10, VittalMallya Road, Bengaluru - 560 001.
2	Name & Location of the Project	Proposed Residential Development At Sy. Nos. 41/2, 42/1, 42/2, 43/3, 43/4, 43/5, 43/6, 43/7A, 43/7B, 43/8, 43/9, Panathur Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru.
3	Co-ordinates of the Project Site	Latitude: 12°55'59.92" N Longitude: 77°42'43.08" 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.
		Panathur Lake is adjacent to the project site in the south west direction; Buffer of 75m has been left as per NGT Order No OA 222/2014 dated 04.05.2016.
		Panathur Lake is adjacent to the project site in the south west direction; Buffer of 75m has been left as per NGT Order No OA 222/2014 dated 04.05.2016.
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other
	b.	Residential Township/ Area Development Projects
		Residential Apartment
		Area Development project
6	Plot Area (Sqm)	85,590.35 Sqmt (21 Acres 6 Guntas)
7	Built Up area (Sqm)	2,98,617.94 Sqmt
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2B+G+13UF in 8 Blocks
9	Number of units in case of Construction Projects	2,310 Nos. of Units
10	Number of Plots in case of Residential Township/ Area	NA



	Development Projects	
11	Project Cost (Rs. In Crores)	Rs. 578.57Crores
12	Recreational Area in case of Residential Projects / Townships	Park & Open space - 8,338.44 Sqmt
13	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 14,362.47 Sqmt
	b.	Kharab Land 2,681.02 Sqmt
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 41,609.93Sqmt
	d.	Internal Roads 20,216.80Sqmt
	e.	Paved area --
	f.	Others Specify Area in existing road - 144.50 Sqmt Civic Amenities Area - 4,161.00 Sqmt Road widening area -3,647.03 Sqmt Service Area -1,232.40 Sqmt
	g.	Parks and Open space in case of Residential Township/ Area Development Projects Included in landscape area
	h.	Total 85,590.35Sqmt
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) 1,72,630 Cum
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter) 1,72,630 Cum
	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 Labor camp mobile STP Treated Water for construction purpose and External authorized

			tanker for domestic purpose.
b.	Quantity of water for Construction in KLD	32.0 KLD	
c.	Quantity of water for Domestic Purpose in KLD	45.0 KLD	
d.	Waste water generation in KLD	40 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	The total sewage generated from construction site & labor camp is 40 KLD which will be treated in a mobile STP of capacity 45 KLD; Treated sewage will be re-used for Dust Suppression, Gardening & Construction purpose.	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	1,039 KLD
		Recycled	519 KLD
		Total	1,558 KLD
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	1,192 KLD	
d.	STP capacity	1,350 KLD	
e.	Technology employed for Treatment	Advanced Sequential Bio-Reactor Technology	
f.	Scheme of disposal of excess treated water if any	For Flushing - 519 KLD For Landscaping - 333KLD For Car Washing- 127 KLD Excess to avenue plantation and construction purposes - 213 KLD	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	500 Cum	
	No's of Ground water recharge pits	62 Nos. of Percolation 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	90 kg/Day from Construction Site & 90 kg/Day from Labor Camp. Solid waste generated from the labor camp and construction site 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	3MT/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	2 MT/Day. Non-biodegradable Wastes will be given to the waste recyclers.	

	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation: 1.96l/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	8,000 kVA	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1,010 kVA X 4 Nos.	
	c.	Details of Fuel used for DG Set	846.46 l/hr	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar lighting & water heaters HF ballast Cu wound transformer PHE pumps LED Energy Savings: 25%	
20	PARKING			
	a.	Parking Requirement as per norms	Required 2,541 Nos.	Provided 2,627 Nos.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic Report will be submitted along with EIA Report.	
	c.	Internal Road width (RoW)	6.0m	

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 present the ToRs. 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. At the outset the proponent has said that he has made out an application during Feb-2019 and is started collecting baseline data since then and requested to permit to adopt same data for EIA appraisal.

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

- 1) Details of the Kharab land and its position on the village survey map may be detailed and submitted.

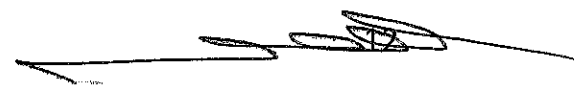
- 2) Ground water potential and level in the study area may be studied.
- 3) Scheme for waste to energy plant to process the entire organic waste generated from the entire project.
- 4) Management plan to utilise the entire earth generated within the site may be worked out and submitted..
- 5) Utilization 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 greenery with the number and kind of tree species as per the norms.
- 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  $=(\text{total KHW}/\text{year})/\text{BUA}$ , bench mark 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.

Accordingly ToRs were issued on 31-05-2019. The proponent has submitted the EIA report on 25-7-2019.

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

The Proponent and the Environmental consultant attended 229<sup>th</sup> meeting held on 26-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form-I, prefeasibility report, EIA Report and



clarification/information provided during the meeting. As per the village survey map and revenue records there is 22 guntas of B-Kharab land in the form of cart track and walkpath cutting across the project site for which the proponent has stated that he has obtained permission to reroute these tracks along the periphery of the project site which involves 26.5 guntas of land as against the 22 guntas reflected in the revenue records. Also there is a lake on the western side of the project site for which the proponent has stated that he has left 75 meter buffer zone. The proponent has also stated that he will go for triple line plumbing in order to reduce the demand on the fresh water. The proponent has also stated that he will go for low energy embodied building material for construction. The proponent has stated that he is going for installing individual smart meter for water consumption and he has stated that it will reduce 30% of the water consumption as individual occupant is made accountable for the water consumed.

As far as CER is concerned the proponent has stated that he has earmarked Rs.5.8 crores and after discussion and deliberation committee decided to divert these funds to the recent rain devastated Uttara Kannada District as a special case.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance subject to submission of following informations to the Authority.

- 1) Water balance chart to be reworked reducing the demand for fresh water.
- 2) Separate rain water storage tanks for both hardscape and terrace may be worked out taking into consideration realistic rainfall.
- 3) Submission of the details of tree species that are mandated to be planted in place of trees felled.

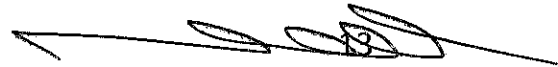
The committee also imposed the following conditions:

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. Triple line plumbing system to be implemented instead of dual line plumbing adopting sullage and sewage treatment separately.
4. CO sensors to be installed with suitable exhaust system for double and triple basements.

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

**Deferred subjects:**

- 229.3** Proposed Development of Residential Apartment located at Sy.No.20,22 & 23 of Balagere village, VarthurHobli, Bengaluru East ward, Bengaluru by M/s. Ecolife Developers(SEIAA 159 CON 2018)



Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Eco life Developers At Sy No. 20 22 &23, Balagere Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru
2	Name & Location of the Project	Development of Residential Apartment At Sy No. 20 22 &23, Balagere Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru
3	Co-ordinates of the Project Site	Latitude: 12°56'16" N Longitude: 77°43'58" E
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Varthur lake- 476m - NE
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.	Not Applicable
5	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Development of Residential Apartment
b.	Residential Township/ Area Development Projects	Not Applicable
6	Plot Area (Sqmt)	14,163 Sqmt
7	Built Up area (Sqmt)	49,972 Sqmt
8	Building Configuration [Number of Blocks/Towers/Wingsetc.,with Numbers of Basements and Upper Floors]	B+G+9 UF+TF - 29.99m
9	Number of units in case of Construction Projects	250 units
10	Number of Plots in case of Residential Township/ Area Development Projects	Not Applicable
11	Project Cost (Rs. In Crores)	45 Crores
12	Recreational Area in case of Residential Projects / Townships	Not Applicable
13	Details of Land Use (Sqmt)	
a.	Ground Coverage Area	4455.84 Sqmt
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for	5288 Sqmt

	projects under 8(a) of the schedule of the EIA notification, 2006		
d.	Internal Roads	3422 Sqmt	
e.	Paved area	--	
f.	Others Specify	--	
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Not Applicable	
h.	Total	14,163 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	Not Applicable since it is new project	
b.	Total quantity of Excavated earth (in cubic meter)	10,500Cum	
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	10,500 Cum completely utilised within the project site	
d.	Excess excavated earth (in cubic meter)	There is no excess excavated earth	
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Backfilling, foundation, road area and for gardening	
15	WATER		
I.	Construction Phase		
a.	Source of water	STP treated water for construction purpose & Tanker water for domestic	
b.	Quantity of water for Construction in KLD	15 KLD	
c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
d.	Waste water generation in KLD	4 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	will be treated in mobile STP	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	113 KLD
		Recycled	56 KLD
		Total	169KLD
b.	Source of water	BWSSB	



c.	Waste water generation in KLD	144KLD
d.	STP capacity	150 KLD
e.	Technology employed for Treatment	Sequencing Batch Reactor (SBR) Technology
f.	Scheme of disposal of excess treated water if any	44KLD of water is in excess and it will used for avenue plantation and for construction of other buildings.
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	112 cum
b.	No's of Ground water recharge pits	28no's
17	Storm water management plan	<ul style="list-style-type: none"> <li>• Land is gently sloping terrain and sloping towards N direction.</li> <li>• Separate and independent rainwater drainage system will be provided for collecting rainwater from terrace and paved area, lawn &amp; roads.</li> <li>• Rainwater collection tank of capacity 50cum is proposed which will be provided to collect the roof run off, which will be reused after prior treatment.</li> <li>• 8 number of recharge pits will be provided to recharge the ground water within the site; excess runoff during the monsoon period finds its way to external storm water drain</li> </ul>
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity - 38 kg/day Solid waste will be collected manually and handed over to local body for further processing
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity -338 Kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 5kg/day will be reused as manure for greenery development purposes.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity - 225 Kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
d.	Quantity of E waste generation	E-Wastes will be collected & stored in bins and



	waste generation and mode of Disposal as per norms	disposed to the authorized & approved KSPCB E-waste processors.
19	POWER	
a.	Total Power Requirement -Operational Phase	BESCOM - 750kW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2X380KVA
c.	Details of Fuel used for DG Set	
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as Solar energy, LED lights, Copper wound transformer are proposed in the project. Overall energy saving is 20%
20	PARKING	
a.	Parking Requirement as per norms	Required = 275 no's, Provided = 280 no's
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	
c.	Internal Road width (RoW)	Approach road width - 18 m Internal road width is- 8 m


The proponent was invited for the 213<sup>th</sup> meeting held on 4-12-2018 to provide required clarification. The proponent remained absent.

The Committee after discussion decided to recommend the proposal for closure as the project is having BUA less than 50,000 sqmts as per the recent O.M issued by MoEF & CC, New Delhi vide dated:14-11-2018 and 15-11-2018.

The Authority perused the proposal and took note of the recommendation of SEAC in its 161<sup>st</sup> meeting held on 26-12-2018. The Authority further observed that the Hon'ble NGT in its order dated 3<sup>rd</sup> December 2018 made on Original Application No.1017/2018 in the case of Shashikant Vithal Kamble Vs Union of India & Others stayed the Gazette Notification dated 14<sup>th</sup> November 2018 issued by MoEF & CC regarding Construction projects with built-up area 20,000 sqmts to 50,000 sqmts and industrial sheds, educational institutions, hospitals and hostels for educational institutions more than 20,000 sqmts upto 1,50,000 sqmts along with building permission, to local bodies such as Municipalities, Development Authorities, District Panchayats. Prior to the said notification, Environment Impact Assessment was being done by a credible mechanism by MoEF & CC itself and also directed that existing mechanism, prior to 14<sup>th</sup> November 2018 Notification will continue till further order .

The Authority after discussion decided to refer the proposal back to SEAC for appraisal accordingly.

The proposal was placed before the 216<sup>th</sup> meeting held on 13<sup>th</sup> February 2019 to provide required clarification. But the proponent remained absent and submitted a



letter through their consultant during the meeting that due to unavoidable circumstances they are not able to attend the meeting and requested to consider their project in the next upcoming meeting for appraisal.

Hence the committee after discussion decided to defer the proposal.

The proponent was invited for the 222<sup>nd</sup> meeting held on 10-5-2019. The proponent remained absent by submitting a letter during the meeting, in which he states that the revised application will be made out shortly for the increased BUA and come for appraisal afterwards. In view of the above the committee after discussion decided to recommend the proposal for closure.

However, the proponent has submitted a letter dated:17-5-2019 to the Authority requesting to give one opportunity.

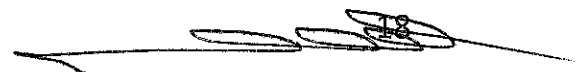
The Authority perused the proposal and took note of the recommendation of SEAC in its 168<sup>th</sup> meeting held on 18-5-2019. The Authority noted that the proponent have submitted a letter to SEAC on 10-5-2019 informing that the BUA has been revised to 65,516.37 sqmt from the earlier 49,972 sqmt and the revised application is being submitted. The proponent also have requested to consider the application for issue of Environment Clearance. The Authority after discussion decided to send the file back to SEAC to appraise the proposal if it is submitted in accordance with law and send recommendation based on merit.

The subject was placed before the 229<sup>th</sup> meeting held on 26-8-2019. The proponent and Environment consultant attended the meeting to provide required clarification. The committee also took note of the observations made in the file. Further, as per the village survey map it is noted that there is a nala on the eastern side of the project site. The proponent has submitted a endorsement given by the BBMP Authorities where it is mandated to leave 25 meter buffer on either side of the nala. In addition to this the project area as per RMP-2015 is falling in the sensitive zone, for which the clearance from the sensitive zone committee has also been obtained. As seen from the concept plan the approach road is on the buffer zone left for the nala for which the proponent has stated that he will build the road at the elevated level leaving the buffer zone undisturbed except by putting up some columns.

As far as CER is concerned the proponent has stated that he has earmarked Rs.90.00 lakhs. The committee after discussion and deliberation suggested the proponent to take up nala construction in place of natural nala existing to a length of 450 meters in consultation with BBMP, storm water drain authorities for which the proponent has agreed.

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.

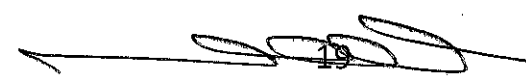


2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Triple line plumbing system to be implemented instead of dual line plumbing by adopting sullage and sewage treatment separately.
4. Surface water runoff from paved areas to be stored and reused with suitable treatment systems.
5. CO sensors to be installed with suitable exhaust system for double and triple basements.

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

**229.4** Proposed Development of Residential Apartment located at Sy.No.7/2, 8/2, 8/3 & 8/4 of Varthur Village, Ward No.149, Varthur Hobli, Bangalore by M/s. Neeladri Properties (SEIAA 101 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	T.Bhadrachalam & M. Madhava Naidu No 169, 6th Main 4th Block Jayanagar Bangalore-560011
2	Name & Location of the Project	Development of Residential Apartment At Sy No. 1/3, 1/4, & 1/5B, Chikkanayakanahally Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru
3	Co-ordinates of the Project Site	Latitude : 12°56'25.63" N Longitude: 77°44'20.95" E
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Varthur lake- 0.40 km- N Thubarahalli lake- 2.10km - NW Bellandur lake- 6.70 km W
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	-----
5	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Development of Residential Apartment
b.	Residential Township/ Area Development Projects	Not Applicable
6	Plot Area (Sqmt)	13,,005.25 sqmt.
7	Built Up area (Sqmt)	48,850 Sqmt.



8	Building Configuration [Number of Blocks/Towers/Wingsetc.,with Numbers of Basements and Upper Floors]	Block A :- B+GF+4UF+TF Block B :- LB+UB+GF+4UF+TF
9	Number of units in case of Construction Projects	321 units
10	Number of Plots in case of Residential Township/ Area Development Projects	Not Applicable
11	Project Cost (Rs. In Crores)	70 Crores
12	Recreational Area in case of Residential Projects / Townships	Not Applicable
13	Details of Land Use (Sqmt)	
a.	Ground Coverage Area	6250.00 Sqmt
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	5202.10 Sqmt
d.	Internal Roads	--
e.	Paved area	1553.15 Sqmt
f.	Others Specify	--
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Not Applicable
h.	Total	13,005.25 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	Not Applicable since it is new project
b.	Total quantity of Excavated earth (in cubic meter)	18,500 Cum
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	18,500 Cum completely utilised within the project site
d.	Excess excavated earth (in cubic meter)	There is no excess excavated earth
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Backfilling, foundation, road area and for gardening
15	WATER	
I.	Construction Phase	

20

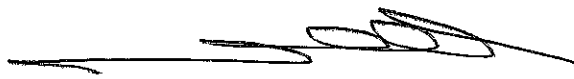
a.	Source of water	STP treated water for construction purpose & Tanker water for domestic	
b.	Quantity of water for Construction in KLD	10 KLD	
c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
d.	Waste water generation in KLD	4 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	will be treated in mobile STP	
II. Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	116 KLD
		Recycled	78 KLD
		Total	257 KLD
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	219 KLD	
d.	STP capacity	220KLD	
e.	Technology employed for Treatment	Sequencing Batch Reactor (SBR) Technology	
f.	Scheme of disposal of excess treated water if any	Excess of water is used for floor washing.	
16 Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	4×40 cum	
b.	No's of Ground water recharge pits	18 no's	
17	Storm water management plan	<ul style="list-style-type: none"> <li>• Land is gently sloping terrain and sloping towards North West direction.</li> <li>• Separate and independent rainwater drainage system will be provided for collecting rainwater from terrace and paved area, lawn &amp; roads.</li> <li>• Rainwater collection tank of capacity 4×40cum is proposed which will be provided to collect the roof run off, which will be reused after prior treatment.</li> <li>• 18 number of recharge pits will be provided to recharge the ground water within the site; excess runoff during the monsoon period finds its way to external storm water drain</li> </ul>	
18 WASTE MANAGEMENT			
I. Construction Phase			
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity - 25 kg/day Solid waste will be collected manually and handed over to local body for further processing	

II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity -312 Kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 10 kg/day will be reused as manure for greenery development purposes.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	Quantity - 468 Kg/day Recyclable waste will be given to the waste collectors for recycling for further processing.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19	POWER	
a.	Total Power Requirement -Operational Phase	BESCOM - 320 kVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2X 160 kVA
c.	Details of Fuel used for DG Set	Diesel
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as Solar energy, LED lights, Copper wound transformer are proposed in the project. Overall energy saving is 20.5%.
20	PARKING	
a.	Parking Requirement as per norms	Required = 353no's, Provided = 370 no's
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	D
c.	Internal Road width (RoW)	Approach road width - 15 m Internal road width is- 5 m

The proponent was invited for the 228<sup>th</sup> meeting held on 6-8-2019 to provide required clarification. The proponent remained absent by submitting a letter dated:6-8-2019.

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 was invited for the 229<sup>th</sup> meeting held on 26<sup>th</sup> August 2019 to provide required clarification and information.



As seen from the village survey map there are no water bodies either in the form of lake or natural nalas which attracts buffer as per norms.

Hence the committee after discussion and deliberation 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. Triple line plumbing system to be implemented instead of dual line plumbing by adopting sullage and sewage treatment separately.
4. Surface water runoff from paved areas to be stored and reused with suitable treatment systems.
5. CO sensors to be installed with suitable exhaust system for double and triple basements.

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

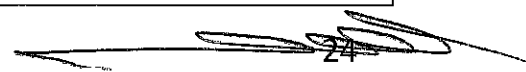
**Fresh subjects:**

**229.5** Proposed "Sobha City Phase-II" Residential and Commercial Development Project at Khata Nos.2091/40/7/1, 9/1, 9/2, 62/2, 62/3/1 of Chokkanahalli Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru Urban District By M/s. Sobha Ltd. (SEIAA 106 CON 2019)

Sl. No.	PARTICULARS	INFORMATION
1.	Name & Address of the Project Proponent	Mr. Prasanna Venkatesh Sr. Vice President- Plumbing, Fire and Environment M/s. Sobha Limited, "Sobha" corporate office Sarjapur-Marthahalli ORR, Devarabeesanahalli, Bellandur Post, Bengaluru -560 103.
2.	Name & Location of the Project	"Sobha City Phase-II", Proposed Residential and Commercial Development project Khatha No. 2091/ 40/7/1,9/1,9/2,62/2,62/3/1, Chokkanahalli Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru
3.	Co-ordinates of the Project Site	Latitude : 13 Deg 04 Min 37.53 Sec N Longitude : 77 Deg 38 Min 04.42 Sec E



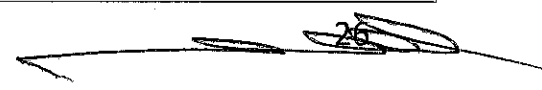
		(a) Latitude : 13 Deg 04 Min 38.71 Sec N Longitude: 77 Deg 38 Min 02.32 Sec E (b) Latitude : 13 Deg 04 Min 37.51 Sec N Longitude: 77 Deg 38 Min 02.21 Sec E (c) Latitude : 13 Deg 04 Min 38.51 Sec N Longitude: 77 Deg 38 Min 04.94 Sec E (d) Latitude : 13 Deg 04 Min 36.27 Sec N Longitude: 77 Deg 38 Min 04.58 Sec E
4.	ENVIRONMENTAL SENSITIVITY	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	There is Sampigehalli lake on the western side of the site, which is 990m away from the project site boundary.
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	There is Sampigehalli lake on the western side of the site, which is 990m away from the project site boundary.
5.	TYPE OF DEVELOPMENT	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Proposed Residential and Commercial Development project
b.	Residential Township/ Area Development Projects	NA
6.	Plot Area (Sqm)	5,570 Sqm
7.	Built Up area (Sqm)	22,521.78 Sqmt
8.	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	The proposed project consists of commercial space (in Ground & 1st floor) service floor, and 72 No. of residential units (2nd floor - 19th floor) in 2B+GF+1 <sup>st</sup> F+service floor+18UF with total built up area of 22,521.78 Sqmt.
9.	Number of units in case of Construction Projects	Commercial Space & 72 Nos. of Residential units with club house
10.	Number of Plots in case of Residential Township/ Area Development Projects	NA





11.	Project Cost (Rs. In Crores)	Rs. 45.36 Crores
12.	Recreational Area in case of Residential Projects / Townships	-
13.	DETAILS OF LAND USE (SQM)	
a.	Ground Coverage Area	603.56 sqmt (Tower Coverage)
b.	Kharab Land	--
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,686.67 Sqm (ground & Podium)
d.	Internal Roads & Hardscape	2,962.16 Sqm
e.	Paved area	-
f.	Others Specify	Services-317.61 Sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	-
h.	Total	5,570 Sqm
14.	DETAILS OF DEMOLITION DEBRIS AND / OR EXCAVATED EARTH	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	There is no demolition work
b.	Total quantity of Excavated earth (in cubic meter)	11,940 m <sup>3</sup>
c.	Quantity of Excavated earth propose to be used in the Project site (in m <sup>3</sup> )	5,640 m <sup>3</sup>
d.	Excess excavated earth (in m <sup>3</sup> )	6,300 m <sup>3</sup> of excess excavated earth will be used for Block formation and used for security room and compound wall construction.
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	--
15.	WATER	

I. Construction Phase			
a.	Source of water	Tertiary treated water for construction & External Tanker water suppliers for domestic use.	
b.	Quantity of water for Construction in KLD	9 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	Domestic sewage generated during construction phase will be discharged to UGD.	
II. Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	34KLD
		Recycled	20KLD
		Total	54KLD
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	49KLD	
d.	STP capacity	70 KLD	
e.	Technology employed for Treatment	Extended Aeration system with Ultra-Filtration Technology	
f.	Scheme of disposal of excess treated water if any	Excess treated water will be discharged in to BWSSB Sewer line /UGD	
16.	INFRASTRUCTURE FOR RAINWATER HARVESTING		
a.	Capacity of sump tank to store Roof run off	70m <sup>3</sup>	
b.	No's of Ground water recharge pits	03 Nos.	
17.	Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the existing external storm water drain on western side of the project	
18.	WASTE MANAGEMENT		
I. Construction Phase			
a.	Quantity of Solid waste generation and mode of	The domestic solid wastes will be minimal as there is no provision of labor colony; the generated	



	Disposal as per norms	domestic solid waste will be handed over to outside vendors. Construction debris -22 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	134 kg/day	This will be segregated at household levels and will be processed in proposed organic waste converter.		
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	111kg/day	Recyclable wastes will be handed over to authorized waste recyclers		
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation : 0.43L/ 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-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	935 kW			
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 kVA - 1 No 380kVA - 1 No.			
c.	Details of Fuel used for DG Set	184.314 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>• CFL Lamp</li> <li>• Solar geyser</li> <li>• LED Lights</li> </ul> The overall energy savings is around 22.60 %			
20.	PARKING				
a.	Parking Requirement as per norms	144Nos.(Required 132 Nos)			
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Thanisandra	Yelahanka	Existing	Changed
		Main Road - towards	Nagavara	C	B or C

c.	Internal Road width (RoW)	8 m (ROW)
----	---------------------------	-----------

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 26-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting.

The committee noted that this portion of land earlier was part of the proposal for which EC was issued spread over 1,48,214.96 sqmts plot area wherein the concept plan a portion of the land was earmarked for future development and the extent of this land being 1 Acre 15 guntas. Now this portion have been separated from the earlier one for which Corrigendum to EC issued on 5-7-2019 by SEIAA and separate khata for 1 Acre 15 guntas of land has also been obtained from the BBMP. Now a fresh application has been made out for taking up construction in this piece of land.

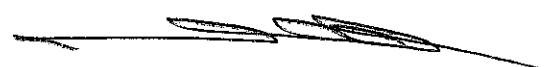
The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the following conditions:

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. The proponent shall identify suitable place(KIOSK) for collection and storage of E-Wastes generated within the premises and shall be disposed of regularly only with the KSPCB authorised E-waste recyclers.
4. Triple line plumbing system to be implemented instead of dual line plumbing by adopting sullage and sewage treatment separately.
5. Surface water runoff from paved areas to be stored and reused with suitable treatment systems.
6. CO sensors to be installed with suitable exhaust system for double and triple basements.

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

**229.6** Proposed Residential Apartment Project at Sy.Nos.99 & 100 (Old Sy.Nos.17 & 30) Subsequently Sy.Nos.76 & 77) of Nagasandra Village, Bengaluru North Taluk, Bengaluru Urban District By Mr. Umang Badjatya (SEIAA 107 CON 2019)

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




The proponent was invited for the 229<sup>th</sup> meeting held on 26-8-2019 to provide required clarification. The proponent remained absent without intimation.

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

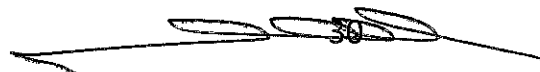
**Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.**

**229.7 Proposed Commercial Development Project at Sy.Nos.24/2, 24/3, 24/4 of Hebbal Amanikere Village & Sy.Nos.71, 73/1, 73/2, 73/3, 73/4 of Hebbal Village, Bengaluru North Taluk, Bengaluru Urban District By M/s. Century Landmark (SEIAA 108 CON 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Vivekananda Nayak M/s Century Star No.3/1, 4th Floor, J P Techno Park,, Millers Rd, Vasanth Nagar, Bengaluru, Karnataka 560052
2	Name & Location of the Project	Proposed Residential Developmental Project by M/s Century Star located at Sy No 68, 69/1, 69/2, 71/1,71/2, 73, 74/1B,75, 76, 77/1, 77/2, 78, 79, 80, 82/2 of Attur Village, Yelahanka Hobli, Bangalore North
3	Co-ordinates of the Project Site	13°6'41.33"N; 77°33'58.35"E 13°6'35.37"N; 77°33'55.61"E 13°6'32.54"N; 77°33'56.84"E 13°6'31.98"N; 77°34'2.57"E 13°6'39.69"N; 77°34'4.09"E
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Attur lake -0.15 Km, W Yelahanka lake-2.78 Km, E Allalassandra Lake -3.02 Km, SE JakkuruKere -4.98 Km, SE
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	As per village map, there is a nala passing through the site, sufficient buffers have been provided as per CDP.Sensitive zone clearance certificate is obtained.
5	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/	Proposed Residential Apartment Project

 29

	Hotel/ Hospital /other	
b.	Residential Township/ Area Development Projects	-NA-
6	Plot Area (Sqm)	65,078.50Sqm
7	Built Up area (Sqm)	76,484.040 Sq m.
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Apartment consisting of 568 no of units with building configuration of 2B+Stilt+G+23UF having a building height of 79.9m
9	Number of units in case of Construction Projects	568 units
10	Number of Plots in case of Residential Township/ Area Development Projects	-NA-
11	Project Cost (Rs. In Crores)	Rs. 123.5Crores
12	Recreational Area in case of Residential Projects / Townships	-NA-
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	3986.50 Sq.m
b.	Kharab Land	1467.51 Sq.m
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6365.23Sq.m
d.	Internal Roads	Road and pavements -3687Sq.m
e.	Paved area	
f.	Others Specify	Vacant Area-51,039.77 Sq.m
g.	Parks and Open space in case of Residential Township/ Area Development Projects	
h.	Total	63,610.99 Sq.m(15 Acres 28.74 Guntas) excluding the kharab land.
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	Construction Debris215.70 cum It will be reused / recycled for back filling / sub base work for roads & pavements within project site.
b.	Total quantity of Excavated earth (in cubic meter)	39,455.79cum

 30

		Sl. No.	Item	Quantity (Cum)
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	1	The total estimated earth work quantity	39,455.79
		2	Back filling to be done between foundations	9863.95
		3	Top Soil reused for Landscaping work	7891.16
		4	For site formation	15,782.32
		5	Roads & Walkways	5918.37
d.	Excess excavated earth (in cubic meter)	No excess excavated earth		
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	Private water tankers		
b.	Quantity of water for Construction in KLD	50 KLD		
c.	Quantity of water for Domestic Purpose in KLD	15KLD- for the proposed labour colony		
d.	Waste water generation in KLD	14 KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	Wastewater will be treated in mobile STP		
	II. Operational Phase			
a.	Total Requirement of Water in KLD	Fresh	295	
		Recycled	380	
		Total	435	
b.	Source of water	BWSSB		
c.	Waste water generation in KLD	392KLD		
d.	STP capacity	400KLD		
e.	Technology employed for Treatment	Sequencing Batch Reactor Technology		
f.	Scheme of disposal of excess treated water if any	No excess treated water		
16	Infrastructure for Rain water harvesting			
a.	Capacity of sump tank to store Roof run off	70cum		
b.	No's of Ground water	77 Nos.		

	recharge pits	
17	Storm water management plan	Enclosed in the project report
18	WASTE MANAGEMENT	
	I. Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Total No. of labors = 206 no's (considering @ 0.25 Kg / day /person) Solid waste generation= 206X 0.25=52Kgs /day.
	II. Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	0.84MT/day organic waste and 0.56MT/day inorganic waste generated from residential building. Total 1.41MT/day of generated solid waste during operational phase will be segregated into organic and inorganic waste. Organic waste will be treated in organic waste converter and inorganic waste will be handover to authorized processors.
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	3000Liters/annum; Used Oil from D.G. Sets will be stored in leak proof sealed barrels and will be given to KSPCB authorized reprocessors / re-cyclers.
d.	Quantity of E waste generation and mode of Disposal as per norms	75Kg/annum
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	0.84MT/day organic waste and 0.56 MT/day inorganic wastes generated from residential building.
19	POWER	
a.	Total Power Requirement - Operational Phase	The total maximum load demand for the proposed project during operational phase is 3751.2 KVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3X250 KVA and 1X500 KVA
c.	Details of Fuel used for DG Set	HSD for DG sets with low sulphur content <0.05%. This used oil will be handed over to authorized recyclers.
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar Water Heating provisions for top two floors, Common area lighting will be considered on solar power, LED lighting provisions will be made. It will result in energy saving equal to about 17%.
20	PARKING	
a.	Parking Requirement as per norms	The required Car Parking for the proposed Apartment is about 626 Nos.



b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	The present level of service will remain "B, C, C along Attur Road (2 lanes undivided), Sandeep Unnikrishnan road(2 + 2 divided) Vidyaranyapura, Yelahanka circle respectively. B- Very Good, C - Good.
c.	Internal Road width (RoW)	8 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 229<sup>th</sup> meeting held on 26-8-2019 to provide required clarification. The proponent submitted a letter during the meeting and remained absent.

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

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

**229.8** Proposed Residential Development Project at Sy.No.12(P) of Govindpura Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru Urban District By Mr. H.Yashwanth Shenoy (SEIAA 109 CON 2019)

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

The proponent was invited for the 229<sup>th</sup> meeting held on 26-8-2019 to provide required clarification. The proponent submitted a letter during the meeting and remained absent.

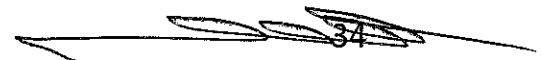
Hence, the Committee after discussion decided to provide one more opportunity to proponent with intimation that the proposal will be appraised based on merit, in case he remains absent again and deferred the subject.

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

**229.9** Proposed Residential Development Project at Sy.Nos.68, 69/1, 69/2, 71/1, 71/2, 73, 74/1B, 75, 76, 77/1, 77/2, 78, 79, 80, 82/2 of Attur Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru Urban District By M/s. Century Star (SEIAA 110 CON 2019)

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

1	Name & Address of the Project Proponent	Mr. Vivekananda Nayak M/s Century Star No.3/1, 4th Floor, J P Techno Park,, Millers Rd, Vasanth Nagar, Bengaluru, Karnataka 560052
2	Name & Location of the Project	Proposed Residential Developmental Project by M/s Century Star located at Sy No 68, 69/1, 69/2, 71/1,71/2, 73, 74/1B,75, 76, 77/1, 77/2, 78, 79, 80, 82/2 of Attur Village, Yelahanka Hobli, Bangalore North
3	Co-ordinates of the Project Site	13°6'41.33"N; 77°33'58.35"E 13°6'35.37"N; 77°33'55.61"E 13°6'32.54"N; 77°33'56.84"E 13°6'31.98"N; 77°34'2.57"E 13°6'39.69"N; 77°34'4.09"E
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) Attur lake -0.15 Km, W Yelahanka lake-2.78 Km, E Allalassandra Lake -3.02 Km, SE JakkuruKere -4.98 Km, SE
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable. As per village map, there is a nala passing through the site, sufficient buffers have been provided as per CDP.Sensitive zone clearance certificate is obtained.
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other Proposed Residential Apartment Project
	b.	Residential Township/ Area Development Projects -NA-
6	Plot Area (Sqm)	65,078.50Sqm
7	Built Up area (Sqm)	76,484.040 Sq m.
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential Apartment consisting of 568 no of units with building configuration of 2B+Stilt+G+23UF having a building height of 79.9m
9	Number of units in case of Construction Projects	568 units
10	Number of Plots in case of Residential Township/ Area Development Projects	-NA-
11	Project Cost (Rs. In Crores)	Rs. 123.5Crores
12	Recreational Area in case of Residential Projects / Townships	-NA-



13	Details of Land Use (Sqm)																				
a.	Ground Coverage Area	3986.50 Sq.m																			
b.	Kharab Land	1467.51 Sq.m																			
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	6365.23Sq.m																			
d.	Internal Roads	Road and pavements -3687Sq.m																			
e.	Paved area																				
f.	Others Specify	Vacant Area-51,039.77 Sq.m																			
g.	Parks and Open space in case of Residential Township/ Area Development Projects																				
h.	Total	63,610.99 Sq.m(15 Acres 28.74 Guntas) excluding the kharab land.																			
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	Construction Debris215.70 cum It will be reused / recycled for back filling / sub base work for roads & pavements within project site.																			
b.	Total quantity of Excavated earth (in cubic meter)	39,455.79cum																			
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Item</th> <th>Quantity (Cum)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>The total estimated earth work quantity</td> <td>39,455.79</td> </tr> <tr> <td>2</td> <td>Back filling to be done between foundations</td> <td>9863.95</td> </tr> <tr> <td>3</td> <td>Top Soil reused for Landscaping work</td> <td>7891.16</td> </tr> <tr> <td>4</td> <td>For site formation</td> <td>15,782.32</td> </tr> <tr> <td>5</td> <td>Roads &amp; Walkways</td> <td>5918.37</td> </tr> </tbody> </table>		Sl. No.	Item	Quantity (Cum)	1	The total estimated earth work quantity	39,455.79	2	Back filling to be done between foundations	9863.95	3	Top Soil reused for Landscaping work	7891.16	4	For site formation	15,782.32	5	Roads & Walkways	5918.37
Sl. No.	Item	Quantity (Cum)																			
1	The total estimated earth work quantity	39,455.79																			
2	Back filling to be done between foundations	9863.95																			
3	Top Soil reused for Landscaping work	7891.16																			
4	For site formation	15,782.32																			
5	Roads & Walkways	5918.37																			
d.	Excess excavated earth (in cubic meter)	No excess excavated earth																			
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	Private water tankers																			
b.	Quantity of water for Construction in KLD	50 KLD																			
c.	Quantity of water for Domestic Purpose in KLD	15KLD- for the proposed labour colony																			
d.	Waste water generation in KLD	14 KLD																			
e.	Treatment facility proposed	Wastewater will be treated in mobile STP																			

	and scheme of disposal of treated water	
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 295
		Recycled 380
		Total 435
b.	Source of water	BWSSB
c.	Waste water generation in KLD	392KLD
d.	STP capacity	400KLD
e.	Technology employed for Treatment	Sequencing Batch Reactor Technology
f.	Scheme of disposal of excess treated water if any	No excess treated water
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	70cum
	No's of Ground water recharge pits	77 Nos.
17	Storm water management plan	Enclosed in the project report
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Total No. of labors = 206 no's (considering @ 0.25 Kg / day / person) Solid waste generation= 206X 0.25=52Kgs / day.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	0.84MT/day organic waste and 0.56MT/day inorganic waste generated from residential building. Total 1.41MT/day of generated solid waste during operational phase will be segregated into organic and inorganic waste. Organic waste will be treated in organic waste converter and inorganic waste will be handover to authorized processors.
	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	3000Liters/ annum; Used Oil from D.G. Sets will be stored in leak proof sealed barrels and will be given to KSPCB authorized reprocessors / re-cyclers.
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	75Kg/ annum
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	0.84MT/day organic waste and 0.56 MT/day inorganic wastes generated from residential building.
19	POWER	
a.	Total Power Requirement - Operational Phase	The total maximum load demand for the proposed project during operational phase is 3751.2 KVA

b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3X250 KVA and 1X500 KVA
c.	Details of Fuel used for DG Set	HSD for DG sets with low sulphur content <0.05%. This used oil will be handed over to authorized recyclers.
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar Water Heating provisions for top two floors, Common area lighting will be considered on solar power, LED lighting provisions will be made. It will result in energy saving equal to about 17%.
20	PARKING	
a.	Parking Requirement as per norms	The required Car Parking for the proposed Apartment is about 626 Nos.
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	The present level of service will remain "B, C, C along Attur Road (2 lanes undivided), Sandeep Unnikrishnan road(2 + 2 divided) Vidyaranyapura, Yelahanka circle respectively. B- Very Good, C - Good.
c.	Internal Road width (RoW)	8 m

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

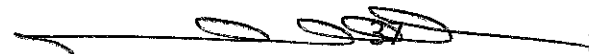
The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 26-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. As seen from the village survey map there are two nalas one each on the northern and southern side for which the proponent has stated that he has left 15 meter buffer zone on either side of the nala. There is also another nala on the middle of the project site running in north-south direction and cutting across the project site for which the proponent has stated that he has left 15 meter zone on both side and also he has mentioned that Sy.No.70 in which this nala runs has been kept vacant. In addition to this there is a lake on the western side of the project site for which the proponent has stated that he has left 30 meter buffer zone in this project site.

Further, as seen from the records there is Puttenahalli lake birds conservation reserve at a distance of 500 meters from the project boundary and also the proponent has stated that this project falls in the sensitive zone as per RMP-2015 for which the proponent has stated that he will come back with proper redressal for the above issues. Hence committee decided to defer the subject.

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

**229.10 Proposed Mixed Use Development Project at Sy.Nos.180/1, 180/2(P), 180/3(P), 180/4(P), 174/2(P) & 175/1 of Kangrali K.H. Village, Belagavi Taluk**



**& District By M/s. ARYAN BUILDERS & DEVELOPERS (SEIAA 111 CON 2019)**

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 26-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. As per the village survey map there are no water bodies either in the form of lake or natural nalas which attracts buffer as per norms.

As far as CER is concerned the proponent has stated that he has earmarked Rs.1.00 crore and he has agreed to spend this amount for the remediation of the recent flood devastated areas of Belgaum district.

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

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. The proponent shall identify suitable place(KIOSK) for collection and storage of E-Wastes generated within the premises and shall be disposed of regularly only with the KSPCB authorised E-waste recyclers.
4. Triple line plumbing system to be implemented instead of dual line plumbing by adopting sullage and sewage treatment separately.
5. Surface water runoff from paved areas to be stored and reused with suitable treatment systems.

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

**229.11 Proposed "Embassy Business Hub" Commercial Development Project at Sy.Nos.25/2, 25/3 & 26 of Venkata Village, Bengaluru North Taluk, Bengaluru Urban District By M/s. Embassy Construction Pvt. Ltd. (SEIAA 112 CON 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s.Embassy Construction Pvt.Ltd., Embassy Point, 1 <sup>st</sup> Floor, No.150, Infantry Road, Bangalore-560001

2	Name & Location of the Project	EMBASSY BUSINESS HUB Sy # 25/2, 25/3 & 26, Venkata Village, Yelahanka, Bangalore North, Bangalore
3	Co-ordinates of the Project Site	Latitude : 13°6'29.1816''N Longitude : 77°36'7.1244''E
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) Yelehanka Lake is 0.091 KM( minimum distance) to 0.311 KM ( maximum distance) away from the project boundary.However the footprint of the building will be about 200 Mtrs away from the lake boundary.
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable. Yelehanka Lake. Buffer-zone is provided.
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other Office / IT Commercial Development
	b.	Residential Township/ Area Development Projects No
6	Plot Area (Sqm)	30250.02 Sq.Mtr
7	Built Up area (Sqm)	88270.15 Sq.Mtr
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3B + G + 13 Upper Floors.
9	Number of units in case of Construction Projects	Office / IT Commercial Development
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	370 Crores
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
	a.	Ground Coverage Area <b>3600.94Sqmtr</b>
	b.	Kharab Land Site Area as per document : 30857.04 Sq.Mtrs

		LessKharab Area : 607.02 Sq.Mtrs Site Area available after Kharab : 30250.02 Sq.Mtrs
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	In the overall land-parcel of 30250.02 Sq.Mtrs, <b>present development is 15762.36 Sq.Mtrs&amp; future development land-parcel is 14757.66 Sq.Mtrs.</b> <b>4201.59 Sq.Mtrs( 26.65%)</b> is earmarked for the green-belt in the present development.
d.	Internal Roads	7208.54 Sq.Mtrs
e.	Paved area	
f.	Others ( Services + cutouts + ramp)	751.29 Sq.Mtrs
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Not Applicable
h.	Total	15762.36 Sq.Mtrs
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	No Demolition.
b.	Total quantity of Excavated earth (in cubic meter)	123160 CUM
c.	Quantity of Excavated earth proposed to be used in the Project site (in cubic meter)	17675 CUM
d.	Excess excavated earth (in cubic meter)	105485 CUM will be carted-out & stored in the adjoining site without using public road.
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Sy # 42/5, Venkatala Village, Yelahanka, Bangalore North, Bangalore Latitude : 13°6'34.84°N Longitude : 77°36'5.87°E
15	WATER	
I.	Construction Phase	
a.	Source of water	BWSSB.
b.	Quantity of water for Construction in KLD	10
c.	Quantity of water for Domestic Purpose in KLD	15
d.	Waste water generation in KLD	12



e.	Treatment facility proposed and scheme of disposal of treated water	Onsite Mobile STP of 15 KLD capacity	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	215
		Recycled	177
		Total	392
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	317	
d.	STP capacity	350	
e.	Technology employed for Treatment	SBR	
f.	Scheme of disposal of excess treated water if any	Entire treated STP water will be used onsite.	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	150 CUM	
	No's of Ground water recharge pits	11 nos in the present development land-parcel & 15 nos in the future development land-parcel.	
17	Storm water management plan	11 nos percolation pits are provided to percolate 115.CUM of run-off water and 15 nos percolation pits are provided to percolate 145 CUM.	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Organic & inorganic wastes will be collected in separate bin & disposed to the authorized agency. 502 CUM construction waste will be reused for levelling , road formation & ramp filling within the project site. No Demolition at site.	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	740 kgs/day of Organic waste will be treated in onsite OWC	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1111 kgs/day of Inorganic waste will be disposed to Vendors / Re-Cyclers	
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil from DG sets ( 0.5 KL/ Annum) The used oil generated will be stored in leak proof containers and will be handed over to PCB authorized re-cyclers.	
d.	Quantity of E waste generation and mode of Disposal as per norms	E-waste generated, if any, will be collected and disposed-off to KSPCB approved vendors.	
19	POWER		

a.	Total Power Requirement - Operational Phase	4506 KW from Grid power
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3 Nos X 1500kVA & 2 Nos X 2000kVA Gensets
c.	Details of Fuel used for DG Set	Diesel and CNG
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	33.22 %
20	PARKING	
a.	Parking Requirement as per norms	721 nos is the statutory requirement ; provided 789 nos of car parking.
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	C
c.	Internal Road width (RoW)	8Mtr

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

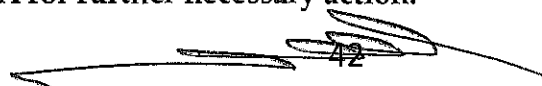
The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 26-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. As seen from the village survey map there are no water bodies either in the form of lake or natural nalas which attracts buffer as per norms.

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. The proponent shall identify suitable place(KIOSK) for collection and storage of E-Wastes generated within the premises and shall be disposed of regularly only with the KSPCB authorised E-waste recyclers.
4. Triple line plumbing system to be implemented instead of dual line plumbing by adopting sullage and sewage treatment separately.
5. Surface water runoff from paved areas to be stored and reused with suitable treatment systems.
6. CO sensors to be installed with suitable exhaust system for double and triple basements.

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



**229.12 Proposed 3 BHK Housing Project at Sy.No.103 of Nagarbhavi Village, Yeshwanthpura Hobli, Bengaluru North Taluk, Bengaluru Urban District by Bangalore Development Authority (SEIAA 113 CON 2019)**

SI No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Executive Engineer Housing Project Division - 1 Bangalore Development Authority T.Chowdaiah Road, Kumara Park West Bangalore-560 020
2	Name & Location of the Project	Construction of 3 BHK Housing project at Sy.No.103 of Nagarbhavi Village, YeshwanthpuraHobli, Bangalore North Taluk, Bangalore by Bangalore Development Authority (BDA).
3	Co-ordinates of the Project Site	<ul style="list-style-type: none"> <li>• Latitude:12°57'09.14" N</li> <li>• Longitude: 77°31'15.67" E</li> </ul>
4	Environmental Sensitivity	
	a Distance from Periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	NA
	b Type of water body at the vicinity of the project site and details of buffer provided as per NGT Direction in O.A. 222 of 2014 dated 04.05.2016, if Applicable	NA
5	Type of Development	
	a New/ Expansion / Modification	New
	b Residential Apartment / Villas/ Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other	Residential Apartment
	c Residential Township/ Area Development Projects	--
6	Plot Area (Sqm)	6,047.20Sqm
7	Built up Area (Sqm)	24,345.77Sqm
8	Building configuration (Number of Blocks/Towers/Wings etc., with Numbers of Basements and Upper Floors)	<ul style="list-style-type: none"> <li>❖ No. of Units: 120</li> <li>❖ No. of Floors: G + FF (For parking Cars ) + 10 Floors for Residential Housing</li> </ul>

		❖ Height of Building : 34.80 mtrs
9	Number of units in case of Construction Projects	120 units
10	Number of plots in case of Residential Township/ Area Development Projects	--
11	Project Cost (Rs. In Crores)	Rs. 47.57 Crores
12	Recreational Area in case of Residential Projects / Townships	---
13	Details of Land Use (Sqm)	
	a	Ground Coverage Area 2712.91 Sqm
	b	Kharab Land --
	c	Total Green belt on Mother Earth for Projects under 8(a) of the Schedule of the EIA notification, 2006 Green Cover & Landscape area 588.61sqm + 228.31sqm =816.92 sqm
	d	Internal Roads --
	e	Paved area/ car parking Paved Area = 2,320.27 Sqm Surface Parking = 165.00 sqm
	f	Others Specify --
	g	Parks and Open space in case of Residential Township/ Area Development Projects 32.10 Sqm
	h	<b>Total</b> <b>6,047.20 Sqm</b>
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 reuse as per construction and demolition waste management rules 2016, if applicable ---
	b	Total quantity of Excavated earth (in cubic meter) 6154.00 Cum
	c	Quantity of Excavated earth propose to be used in the project site (in cubic meter) Back filling for footings : 4030.67 Cum
	d	Excess excavated earth (in cubic meter) 2123.33 Cum
	e	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal. Excess quantity of excavated earth to be utilized for BDA road works/Plantation
15	WATER	

	I	Construction Phase							
	a	Source of water	Tertiary Treated Water						
	b	Quantity of water for construction in KLD	80 KLD						
	c	Quantity of water for Domestic purpose in KLD	20 KLD						
	d	Waste water generation in KLD	48 KLD						
	e	Treatment facility proposed and scheme of disposal of treated water	Septic tank and Soak pits, designed as per IS 2470(Part 1)-1985						
	II	Operational Phase							
	a	Total Requirement of water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>71KLD</td> </tr> <tr> <td>Recycled</td> <td>36KLD</td> </tr> <tr> <td>Total</td> <td>107 KLD</td> </tr> </table>	Fresh	71KLD	Recycled	36KLD	Total	107 KLD
Fresh	71KLD								
Recycled	36KLD								
Total	107 KLD								
	b	Source of water	BWSSB						
	c	Waste water generation in KLD	100 KLD						
	d	STP Capacity	100 KLD						
	e	Technology employed for Treatment	Sequential Batch Reactor [SBR] Process followed by Tertiary treatment						
	f	Scheme of disposal of excess treated water if any	Excess Tertiary treated excess sewage water will be utilizes for plantation/landscape purpose within the plant site.						
16		Infrastructure for Rain Water Harvesting							
	a	Capacity of sump tank to store Roof run off	95 cum						
	b	No's of Ground water recharge pits	6						
17		Storm water management plan	Given in EMP						
18		WASTE MANAGEMENT							
	I	Construction Phase							
	a	Quantity of Solid Waste Generation and mode of Disposal as per norms	<p>The solid waste include concrete (often recycled and reused at the site), steel and other metals like, packaging and paper products, fluorescent tubes, wood beams, tiles etc.,</p> <p>Disposal: Recyclable waste will be recycled or sell it to end users. The other waste can be used as land fill or Landscaping as per norms</p>						
	II	Operational Phase							

45

	a	Quantity of Biodegradable waste generation and mode of Disposal as per norms	162 Kg/day Will be treated in organic convertor and the product used as manure.
	b	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	234 Kg/day Will be sent for recycling/sell end users
	c	Quantity of Hazardous waste generation and mode of Disposal as per norms	Waste Oil from DG sets and disposed as per norms
	d	Quantity of E-waste generation and mode of Disposal as per norms	--
19	POWER		
	a	Total Power Requirement - Operational Phase	600 KVA
	b	Numbers of DG set and capacity in KVA for Standby power supply	250 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	Please EMP
20	PARKING		
	a	Parking Requirement as per norms	132
	b	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Nearest Connecting Road is NH 275 is 1.3 KM LoS is 'A'
	c	Internal Road width (RoW)	The existing road width in front of the project site is 8 m wide fire driveway. Entry & exists will be from this road only. Internal roads of 5.5m & 4.5 m drive are provided.
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 and Environment Consultant attended the 229<sup>th</sup> meeting held on 26-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. As seen from the village survey map there are no water bodies either in the form of lake or natural nalas which attracts buffer as per norms.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance subject to submission of following information to the Authority.

- 1) LOS for traffic study has to be worked out and submitted.
- 2) Surface hydrology based on the micro water shed may be worked out and submitted

The committee also imposed 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. Triple line plumbing system to be implemented instead of dual line plumbing by adopting sullage and sewage treatment separately.
4. Surface water runoff from paved areas to be stored and reused with suitable treatment systems.

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

**27<sup>th</sup> August 2019**

**Members present in the meeting:**

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

**EIA Proposal:**

**229.13** Proposed Modification and Expansion of residential Apartment" project at Sy.No.159/1, 159/2, 160/1, 167/1, 167/2, 167/3, 167/4, 168, 169/1, 169/2, 169/3, 169/4 & 171 of Kannamangala Village, Bidarahalli Hobli, Bengaluru East Taluk, Bengaluru District by M/s. Assetz Whitefield Homes Pvt Ltd(SEIAA 30 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Ananddeep K Chadha Chief Financial controller M/s. Assetz Whitefield Homes Pvt Ltd. 2nd floor, Embassy Icon Annexe Infantry Road, Bengaluru - 56001
2	Name & Location of the Project	Modification and expansion of residential apartment At Survey Nos.159/1, 159/2, 160/1, 167/1, 167/2, 167/3,167/4, 168, 169/1, 169/2, 169/3, 169/4 & 171 of Kannamangala Village, Bidarahalli Hobli, Bengaluru east taluk,, Bengaluru District.
3	Co-ordinates of the Project Site	Latitude: 13°01'28.63" N Longitude: 77°45'51.32"E
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Kunte in NE direction - 75 m buffer as been left. Tertiary nala at SE direction - 25 meter buffer left.
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.	Not Applicable
5	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Modification and expansion of residential apartment
b.	Residential Township/ Area Development Projects	Not Applicable
6	Plot Area (Sqmt)	1,14,526.04 Sqmt (28 Acres, 1.60Guntas)
7	Built Up area (Sqmt)	4,38,971.66 Sqmt



8	Building Configuration of [Number of Blocks/Towers/Wingsetc. ,with Numbers of Basements and Upper Floors]	Building-1	Units	Height (m)
		Tower-1/Wing 1- 2B+G+13F	547 units	43.60 m
		Tower-2/Wing 2- 2B+G+9F		31.80 m
		Tower-3/Wing 3-2B+G+26F		81.95 m
		Tower-4/Wing 4- 2B+G+8F		28.85 m
		Club- G+2F		10.80 m
		Proposed building:		
		Building-2		
		Tower-5/Wing 5 - B+G+28F		25.05 m
		Club- G+1F		8.9 m
		Building-3	1380 units	
		Tower-6/Wing 6- B+G+28F		89.05 m
		Club- B+GF		9.70 m
		Building-4		
		Tower-7/Wing 7- B+G+29F		91.05 m
		Tower-8/Wing 8- B+G+29F		91.05 m
Commercial building 3B+G+15F		58 m		
School- GF+3F		14.95 m		
9	Number of units in case of Construction Projects	1927 units		
10	Number of Plots in case of Residential Township/ Area Development Projects	Not Applicable		
11	Project Cost (Rs. In Crores)	Proposed – 870 Crores		
12	Recreational Area in case of Residential Projects / Townships	Not Applicable		
13	Details of Land Use (Sqmt)			
a.	Ground Coverage Area	20672.83 Sqmt		
b.	Kharab Land	--		
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	Landscape area (earth)	25046.62 Sqmt	
		Landscape area (Podium)	13297.52 Sqmt	
d.	Internal Roads			
e.	Paved area	--		

f.	Others Specify	--				
g.	Parks and Open space in case of Residential Township/ Area Development Projects	11365 Sqmt				
h.	Total	1,14,526.04 Sqmt (28 Acres, 1.60Guntas)				
14	Details of demolition debris and / or Excavated earth					
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	Not Applicable since it is new project				
b.	Total quantity of Excavated earth (in cubic meter)	2,84,550 Cum				
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	2,84,550 Cum completely utilised within the project site				
d.	Excess excavated earth (in cubic meter)	There is no excess excavated earth				
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Backfilling, foundation, road area and for gardening				
15	WATER					
I.	Construction Phase					
a.	Source of water	STP treated water for construction purpose & Tanker water for domestic				
b.	Quantity of water for Construction in KLD	45 KLD				
c.	Quantity of water for Domestic Purpose in KLD	14 KLD				
d.	Waste water generation in KLD	12 KLD				
e.	Treatment facility proposed and scheme of disposal of treated water	will be treated in mobile STP				
II.	Operational Phase					
a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>1277 KLD</td> </tr> <tr> <td>Recycled</td> <td>698 KLD</td> </tr> </table>	Fresh	1277 KLD	Recycled	698 KLD
Fresh	1277 KLD					
Recycled	698 KLD					

		Total	1975 KLD
b.	Source of water	Grampanchayath/ Borewell	
c.	Waste water generation in KLD	1777 KLD	
d.	STP capacity	1780 KLD	
e.	Technology employed for Treatment	Sequencing Batch Reactor (SBR) Technology	
f.	Scheme of disposal of excess treated water if any	805 KLD	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	320 cum	
b.	No's of Ground water recharge pits	43 no's	
17	Storm water management plan	<ul style="list-style-type: none"> <li>• Land is gently sloping terrain and sloping towards South direction.</li> <li>• Separate and independent rainwater drainage system will be provided for collecting rainwater from terrace and paved area, lawn &amp; roads.</li> <li>• Rainwater collection tank of capacity 320cum is proposed which will be provided to collect the roof run off, which will be reused after prior treatment.</li> <li>• 43 number of recharge pits will be provided to recharge the ground water within the site; excess runoff during the monsoon period finds its way to external storm water drain</li> </ul>	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Quantity - 98 kg/day Solid waste will be collected manually and handed over to local body for further processing	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Quantity - 2.91 Kg/day Organic wastes will be segregated & collected separately and processed in organic waste converter Sludge generated from STP of capacity 98 kg/day will be reused as manure for greenery development purposes.	
b.	Quantity of Non-Biodegradable	Quantity - 4.35tonnes/day Recyclable waste will be given to the waste	

	generation and mode of Disposal as per norms	collectors for recycling for further processing.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil generated from the DG sets will be collected in leak proof barrels and handed over to the authorized waste oil recyclers.
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	E-Wastes will be collected & stored in bins and disposed to the authorized & approved KSPCB E-waste processors.
19	POWER	
a.	Total Power Requirement - Operational Phase	BESCOM - 18,693 kW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1X2500KVA, 3X2000KVA, 8X750KVA, 2X500KVA, 1X320KVA, 1X100KVA
c.	Details of Fuel used for DG Set	
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as Solar energy, LED lights, Copper wound transformer are proposed in the project. Overall energy saving is 23.76%
20	PARKING	
a.	Parking Requirement as per norms	Required = 3221 no's, Provided = 3321 no's
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	--
c.	Internal Road width (RoW)	Approach road width - 24.7 m Internal road width is - 8.12 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 220<sup>th</sup> meeting held on 9-4-2019 to present the ToRs. 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 Committee after discussion had decided to appraise the proposal as B1 and decided to recommend the proposal to SEIAA for issue of standard ToRs to conduct the EIA studies. The committee also prescribed the following additional ToRs.

- 1) 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 greenery with the number and kind of tree species as per the norms.
- 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  $=(\text{total KHW}/\text{year})/\text{BUA}$ , bench mark 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.

Accordingly the ToRs were issued vide letter dated: 28-5-2019.

The proponent has submitted the EIA report vide letter dated: 6-7-2019.

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

The proponent was invited for EIA appraisal. The proponent remained absent and submitted a letter during the meeting requesting to consider their subject in forth coming meeting.

Hence the committee decided to defer the appraisal.

The proponent was invited for the 229<sup>th</sup> meeting held on 27-8-2019 for EIA appraisal.



The proponent and environmental consultant attended the meeting of SEAC to provide required clarification/additional information. The committee noted that this proposal is for extension of this project for which EC was issued earlier on 5-3-2018 with a land area of 1,14,526.04 sqmts and BUA of 1,28,605.46 sqmts which itself was a revised EC wherein total BUA envisaged for 1,15,624 sqmts. Now, as far as the land area is concerned the proponent has stated as against the land area of 1,14,526.04 sqmts reflected in the concept plan actual area in possession of the proponent is 1,13,473.85 sqmts. Further proponent has stated that he has relinquished an area of 1959 sqmts for the road widening and the total B-kharab land being 14 guntas i.e., 1,416 sqmts. In the earlier concept plan 5 wings of buildings were proposed out of which 4 wings are complete in all respects and occupied. The work in the 5th wing is under progress and it has come up to 1st floor. Now this proposal is for adding up 3 new wings and modification in the 5th wing. In addition to this the proposal includes clubhouse, commercial building and school building. For the modification of 5th wing the proponent has stated that he has obtained structural stability certificate for vertical expansion from B+G+7UF to B+G+28UF. The SEAC felt that this is a huge vertical expansion and the structural stability certificate has to be got vetted from 3rd party structural design consultant.

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

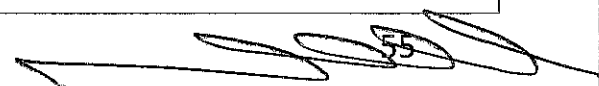
- 1) Separate Roof rainwater and hard surface rain water yield has to be worked out and provision for storage has to be detailed realistically and submitted.
- 2) Revise the list of tree species to be planted with design has to be worked out and submitted.
- 3) Structural stability aspect has to be got vetted from the reputed 3<sup>rd</sup> party consultant and the entire design details are to be shared.

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

**229.14** Proposed Commercial Development of office space, Wholesale cash and carry & Retail at Municipal numbers.26/3, Industrial Suburbs, Ward No.9, A Block, Subramanya Nagar, Bangalore by Keppel Puruvankara Development Pvt Ltd., (SEIAA 41 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Prashanth Marathe, Authorized Signatory Keppel Puravankara Development Private Limited, Prestige Craig House, 3rd Floor, Craig Park Layout, M.G. Road, Bangalore-560001,

2	Name & Location of the Project	Commercial development of Office space, wholesale cash and carry & Retail at Municipal numbers 26/3, Industrial Suburbs, Ward #9, A Block, Subramanya Nagar, Bangalore
3	Co-ordinates of the Project Site	Latitude 13° 0'51.95"N and Longitude 77°33'17.45"E
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)
		Sankey Tank (SE) - 3 Km
	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.
		The lake is 3 Km away from the project site
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other
		Commercial Office Space & Retail
	b.	Residential Township/ Area Development Projects
		-
6	Plot Area (Sqm)	30898.25Sqm
7	Built Up area (Sqm)	177470.03Sqm
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building 1: - 2Basement + G +3 Floors Building 2 :- 4Basement +G +22 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)	510 crores
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
	a.	Ground Coverage Area
		13355.615 Sqm
	b.	Kharab Land
		308.06 Sqm
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification,
		4619.71 Sqm



	2006	
d.	Internal Roads	9111.78 Sq.m
e.	Paved area	2956.89 Sq.m
f.	Others Specify- Services	854.255 Sq.m
g.	Parks and Open space in case of Residential Township/ Area Development Projects	4619.71 Sq.m
h.	Total	30898.25 Sq.m
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	Details will be enclosed along with EIA report
b.	Total quantity of Excavated earth (in cubic meter)	Details in with EIA report
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	Details in with EIA report
d.	Excess excavated earth (in cubic meter)	Details in with EIA report
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Details in with EIA report
15	WATER	
I.	Construction Phase	
a.	Source of water	Met through recycled water from nearby Purva-Sunflower project at Magadi road(5km)
b.	Quantity of water for Construction in KLD	10 KLD
c.	Quantity of water for Domestic Purpose in KLD	14KLD
d.	Waste water generation in KLD	13 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	15 KLD Mobile STP
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 455.26 KLD
		Recycled 910.44 KLD
		Total 1365.7 KLD
b.	Source of water	BWSSB + Recycled water



	c.	Waste water generation in KLD	1092.6KLD
	d.	STP capacity	2 STP of 90 KLD & 1050 KLD
	e.	Technology employed for Treatment	Membrane Bio Reactor (MBR) Technology
	f.	Scheme of disposal of excess treated water if any	Treated water shall be reused for flushing, gardening, & HVAC. The excess treated water will be used for construction purposes to our upcoming construction projects in the nearby area.
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	1) Capacity - 50 KLD Size - 25.22sqm x 2.0M LIQUID DEPTH
	b.	No's of Ground water recharge pits	30 recharge pit of 1.2 m dia x 3 m dia
17	Storm water management plan		600mm wide storm water drain with pre cast & perforated cover is provided inside the periphery of the boundary
18	WASTE MANAGEMENT		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	60 Kg/day Disposed thorough BBMP waste management contractors
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	971.92 Kg/day Organic waste converter
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	1458 Kg/day Authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	-
	d.	Quantity of E waste generation and mode of Disposal as per norms	93.81 kg/day Authorized recyclers
19	POWER		
	a.	Total Power Requirement - Operational Phase	12000 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	16400 KVA (2x1010KVA + 1x380KVA for Retail and 7 Nos. of 2000KVA for office building
	c.	Details of Fuel used for DG Set	Duel fuel mode :- Compressed natural gas & low sulphur high speed diesel
	d.	Energy conservation plan and	Total energy saving of 24.15%

57

	Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Annexure-5
20	PARKING	
a.	Parking Requirement as per norms	Required as per norms - 2205no Provided - 3900
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	LOS is D- Chord Road & C-Tumkur Road
c.	Internal Road width (RoW)	57 mtr wide -Tumkur Road

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 221st meeting held on 26-4-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report, proposed ToRs and clarification/additional information provided during the meeting. During presentation of ToRs, the proponent has stated that he has started collecting the data from the month of March i.e., from the date of application and he requested the committee to permit him to adopt the same for which the committee agreed.

Hence the committee decided to recommend the proposal to SEIAA for issue of Standard ToRs alongwith 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.
- 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 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) ECBC norms to be fully complied with for design and choice of equipments. Simulation studies to be conducted and quantify the energy savings.
- 12) 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.
- 13) 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 modelling.

Accordingly ToRs were issued on 1-7-2019. The proponent has submitted the EIA report on 2-8-2019. Hence the subject was placed before the committee for EIA appraisal.

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 27-8-2019 for EIA appraisal.

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

- 1) Solar panel layout details are to be redrawn to harvest maximum solar energy. Feasibility of solar HVAC to be detailed and submitted.
- 2) Surface hydrology for the nearest nala may be worked out based on the micro watershed and carrying capacity of nala has to be worked out.
- 3) Storage capacity of rainwater harvested from terrace area and paved area may be worked out realistically and submitted.
- 4) ECBC simulation studies with calculations has to be worked out and submitted.
- 5) Carbon foot print offsets to be quantified and submitted.
- 6) Linear air modeling for vehicle emission to be submitted.
- 7) Design details for planting mandated 380 number of trees is to be worked out and submitted.
- 8) Water balance chart to be reworked taking into consideration air cooled HVAC instead of water cooled HVAC to be submitted.
- 9) Transportation of construction material from the source to the project site along with availability be detailed and submitted.

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

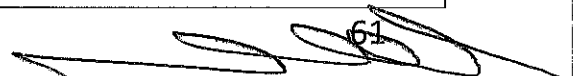


**Deferred EIA subject:**

**229.15** Proposed Modification & Expansion of Bulk Drug and Intermediates Unit Project at Plot Nos.55, 56, 71 & 72 of KIADB Industrial Area, Raichur Growth Centre, Chikasugur Village, Raichur Taluk & Raichur District By M/s. Sparkvee Fine Chemicals Pvt. Ltd. (SEIAA 46 IND 2018)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	<b>Mr. P Ramesh Kumar</b> Managing Director Plot No.: 55, 56, 71 & 72, K.I.A.D.B., Industrial Area, Raichur Growth Centre, Raichur Tq. & District, Chicksugur - 584 134, Karnataka.
2	Name & Location of the Project	<b>M/s. Sparkvee Fine Chemicals Private Limited,</b> Plot No.: 55, 56, 71 & 72, K.I.A.D.B., Industrial Area, Raichur Growth Centre, Raichur Tq. & District, Chicksugur - 584 134, Karnataka..
3	Co-ordinates of the Project Site	<b>Latitude - 16° 18.543'N</b> <b>Longitude - 77° 21.355'E</b>
4	Environmental Sensitivity	
	a. Distance From nearest Lake/ River/ Nala	Krishna river- 8 km (N)
	b. Distance from Protected area notified under wildlife protection act	NA
	c. Distance from the interstate boundary	Karnataka-Telangana interstate boundary - 8.4Km
	d. whether located in critically / severally polluted area as per the CPCB norms	No
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	Activity 5 (f) of Category-B
6	New/ Expansion/ Modification/ Product mix change	Modification & Expansion
7	Plot Area (Sqm)	8094 Sqmt
8	Built Up area (Sqm)	1785 Sqmt
9	Component of developments	"Manufacturing of Bulk drug and Intermediates unit"
10	Project cost (Rs. In crores)	Rs. 4 Crores
11	Details of Land Use (Sqm)	
	a. Ground Coverage Area	1785.67 Sqmt
	b. Kharab Land	--

	c.	Internal Roads	3436 Sqmt
	d.	Paved area	--
	e.	Parking	--
	f.	Green belt	2812 Sqmt
	g.	Others Specify	--
	h.	Total	8094 Sqmt
12	Products and By- Products with quantity (enclose as Annexure if necessary)		Refer Annexure-1
13	Raw material with quantity and their source (enclose as Annexure if necessary)		Refer Annexure-2
14	Mode of transportation of Raw material and storage facility		The chemicals required for the process are mostly bought from the local (indigenous) markets. Mode of transportation of all raw materials to the project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		Mode of transportation of coal to the project site is by road and will be stored in Coal storage yard
16	Fly ash production, storage and disposal details whereas coal is used as fuel		Coal ash from boiler will be stored in designated area and will sent o brick manufacturing industry
17	Complete process flow diagram and technology employed		Will be detailed in EIA
18	Details of Plant and Machinery with capacity/ Technology used		1 TPH, 3 TPH - Boiler Capacity 200 KVA - Dg capacity
19	Details of VOC emission and control measures wherever applicable		--
20	WATER		
	I.	Construction Phase	
	a.	Source of water	KIADB
	b.	Quantity of water for Construction in KLD	1 KLD
	c.	Quantity of water for Domestic Purpose in KLD	1 KLD
	d.	Waste water generation in KLD	0.8 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	STP
	II	Operational Phase	
	a.	Source of water	KIADB



	b.	Total Requirement of Water in KLD	75 KLD	
	c.	Requirement of water for industrial purpose / production in KLD	20 KLD	
	d.	Requirement of water for domestic purpose in KLD	3 KLD	
	e.	Waste water generation in KLD	Industrial effluent	35 KLD
			Domestic sewage	2.5 KLD
			<b>Total</b>	<b>37.5KLD</b>
	f.	ETP/ STP capacity	MEE of 30 KLD capacity with stripper and ATFD	
	g.	Technology employed for Treatment	MEE of 30 KLD capacity with stripper and ATFD	
	h.	Scheme of disposal of excess treated water if any	Zero discharge	
21		Infrastructure for Rain water harvesting	25 KLD will be provided to recharge roof rain water	
22		Storm water management plan	For the storm water drain, will going to provide closed concrete structures which do not pass chemical to the drain by washing and treatment of chemicals.	
23		Air Pollution		
	a.	Sources of Air pollution	Dg set, Boiler	
	b.	Composition of Emissions	--	
	c.	Air pollution control measures proposed and technology employed	Process emission will be connected to 2 stage scrubber for treatment	
24		Noise Pollution		
	a.	Sources of Noise pollution	Dg set, motors, compressor	
	b.	Expected levels of Noise pollution in dB	75 dB	
	c.	Noise pollution control measures proposed	Dg set will be installed with inbuilt acoustic enclosures	
25		WASTE MANAGEMENT		
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Organic solid waste	330.25 kg/day
			MEE salts	0.85 TP/DAY
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	<b>Description</b>	<b>Quantity</b>
			HDPE drums	500 No's/month
			Spent carbon	41.53 KG/DAY
	c.	Quantity of E waste generation	--	

		with source and mode of Disposal as per norms	
26		Risk Assessment and disaster management	Will be provided during EIA submission
27		POWER	
	a.	Total Power Requirement in the Operational Phase with source	Electricity- GESCOM - 350 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	200 kVA X 1
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boiler - Coal Dg set - HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as CFL and LED lights are proposed in the project.
28		PARKING	
	a.	Parking Requirement as per norms	60 numbers
	b.	Internal Road width (RoW)	Approach road width - 18m Internal road width - 6 m (min)
29		Any other information specific to the project (Specify)	--

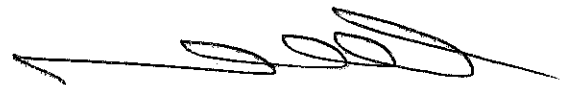
**Annexure -1**

As per the earlier EC, company manufacturing the following products & intermediates; List of existing products produced with quantity is shown below

**EXISTING PRODUCTS:**

Sl. No.	Name Of The Product	Existing Quantity Kg/month)
1	Polystyrene Hydantoin	4000.00
2	Hydantoin	4000.00
3	2-Phenyl Benzimidazole-5-Sulphonic acid (PBSA)	2000.00
4	Cyclohexanone Tetra Propionic Acid (T4)	2000.00
5	Ethyl Hexyl Triazone (EHT)	2000.00
6	4-Chloromethyl-2-(Amino methyl) Thiazole Hydrochloride (DMATA/Ni4)	1000.00
7	Iohexol	1000.00
8	Pregabalin	500.00
9	Atrovastatin Calcium	500.00
10	Gemcitabin HCl	500.00
	Total	17500.00

**CONSOLIDATED LIST OF PRODUCTS WITH CAPCITY AFTER EXPANSION**



S.No	Product	Intermediate Quantity in Kg/Month	After Expansion Finish Product Quantity in Kg/Month
1	Hydantoin		3000.00
2	Cyclohexanone Tetra Propionic Acid (T4)		2000.00.
3	2-Phenyl Benzimidazole-5-Sulphonic acid (PBSA)		1000.00
4	4-Chloromethyl-2-(Amino methyl) Thiazole Hydrochloride (Ni4)		500.00
	1) N,N - Dimethyl Amino Thio Acetamide Hydrochloride (DMATA HCl)	356	
5	Ethyl Hexyl Triazone (EHT)		1000.00
	1) 2-ethylhexyl 4-aminobenzoate (Stage -2)	1066	
6	Piractone Olamine (PO)		3000.00
	1)Methyl-3-methylbut-2-enoate (Stage -1)	1950	
	2)Methyl(2E)-3,7,9,9-tetra methyl-5-oxodec-2-enoate (Stage -2)	4030	
	3)Stage -3 ((4-methyl-6(2,4,4-trimethylpentyl)pyran-2-one))	3180	
7	Para Isopropoxy Ethyl Benzoate (PIPEB)		1000.00
	1)Stage -1 (Ethyl Paraben)	938	
8	Diethylhexyl Butamido Triazone (HEB)		1000.00
	1) 4-Nitrobenzoyl chloride (stage-1)	1128	
	2)N-tert-butyl-4-nitrobenzamide (stage-2)	410	
	3) Dichloro butamidotriazine (Stage -IV) (monamide)	520	
	4) 2-ethylhexyl-3-aminobenzoate (Side Chain)	764	
9	2-Phospho-L-Ascorbic Acid Trisodium salt (SAP)		3000.00
	1) 2-Phospho-L-Ascorbic Acid (SAP Crude)	10000	
10	Styrene Phosphonic Acid (SPA)		8000.00
11	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine (Tinosorb-S)		4000.00
	1) 2,4-Dichloro-6-(4-Methoxyphenyl)-1,3,5-Triazine (Stage -1)	1672	
	2) Bis-(2,4-Dihydroxy Phenyl)-6-(4-Methoxy Phenyl)-1,3,5-Triazine (Stage -2)	2632	
12	5-Butyl Benzotriazole (5 BBT)		2000.00
	1)Stage -IV (4-Butyl OPDA )	2111	
13	Keterolac Tromethamine		800.00
14	Bis (2,4,6 -Trimethyl Benzoyl) Phenyl Phosphine Oxide		1000.00
15	Chlorantraniliprole		3000.00
	1)3-bromo-1-(3-chloro-2-pyridinyl)-1H-pyrazole-5-carboxylic acid	1485	
	2)2-Amino-5-chloro-3,N-dimethyl benzamide	2160	
16	Pinaxaden		3000.00
	1). 2 (2,6-diethyl-4-methylPhenyl) propane diamide	2429	
	2)Hexahydro-1,4,5-oxadiazopane Dihydrochloride	2000	
17	Cyantraniliprole		2000.00
	1)3-Bromo-1-(3-Chloro-2-pyridinyl)-1H- pyrazole-5-	2000	



	carboxylic acid		
	2)2-Amino-5-cyano-N, 3-dimethyl benzamide (AC/ACB)	1314	
18	Zinc Pyrethrin (ZPTO)		2000.00
19	5-Chloro Indanone		3000.00
20	2,2'-Methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol] (Tinosorb-M)		1000.00
	1),2-Diazoyl-2-nitrophenyl-4-Octylphenol	652	
	2),6-(2-H-Benzothioazo-2-yl)4(2,4,4-Trimethyl)Pentan-2-yl)Phenol	545	
21	2,5-bis(5-Tertiary Butyl-2-benzoxazolyl)Thiophene		1000.00
	1),Thiophene -2,5-Dicarboxylic acid	416	
22	Custom Synthesis of Organic Compound From Pilot Plant		500.00
	Total(Worst Combination of any five Products at any given Point of time)		21000.00

#### LIST OF BY-PRODUCTS

S. No	Name of the Product	Name of the By-Product	Quantity In Kg/Day
1	2-Phenyl Benzimidazole-5-Sulphonic acid (PBSA)	Spent Sulphuric acid	122.07
	5-Butyl Benzotriazole (5-BBT) and its intermediates 4-Butyl OPDA		309.67
		Total	431.74
2	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine (TINOSORB-S) and its Intermediates	Aluminium chloride Solution	102.13
	Piractone Olamine (PO) and its Intermediate Pyran		635.67
		Total	1601.28
3	4-Chloromethyl-2-(Amino methyl) Thiazole Hydrochloride (DMATA/Ni4)	Sodium Sulfide (Na <sub>2</sub> S)	33.35
4	Styrene Phosphonic Acid (SPA)	HCL	1000

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

The Proponent and Environment Consultant attended the meeting to provide clarification/additional information. The committee screened the proposal considering the information provided in the statutory application-Form I, Form-1A, prefeasibility report and clarification/additional information provided during the meeting.

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

1. Establish with layout plan the adoption of GMP for manufacturing your products supported by P & ID.

1. Sketch the location of the additional infrastructure in the plan of the existing industrial site.
2. Give the details of disposal of debris generated during expansion.
3. Based on experimental data, present the material balance / mass balance for each product with quantities of distillate residue, solvent loss and fugitive emissions. Also evaluate and present the ratio of (i) waste to product and (ii) raw material to product for each of the products proposed to be manufactured.
4. Enlist the raw materials with quantity with particular mention of any pyrophoric & highly reactive materials and precautions taken for their storage. Also mention any restricted/banned chemicals, if used in your product manufacture proposal.
5. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage.
6. Evaluate and present the quantity and quality of solid and gaseous waste generated and their scheme of disposal.
7. Evaluate and present the existing and proposed water balance based on expansion.
8. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
9. Describe the measures proposed for in-house recovery of solvents mentioning the efficiency of recovery.
10. 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.
11. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.
12. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.
13. 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.
14. Scheme to develop thick green barrier all along the boundary of the project site.

Accordingly the ToRs were issued vide letter dated: 21-2-2019.

The proponent has submitted the EIA report vide letter dated:18-7-2019.

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

The proponent was invited for 228<sup>th</sup> meeting held on 6-8-2019 for EIA appraisal. The proponent remained absent and submitted a letter during the meeting requesting to consider their subject in forth coming meeting.

Hence the committee decided to defer the appraisal.

The proponent was invited for the 229<sup>th</sup> meeting held on 27-8-2019 for EIA appraisal. The proponent and Environment consultant attended the meeting for EIA presentation.

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

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance subject to submission of following information to the authority.

- 1) Material mass balance in case of sodium cyanide usage in different products and handling may be worked out and submitted keeping in view of hazardous nature of sodium cyanide.
- 2) Scheme for planting of additional trees in vacant area of the project site.
- 3) Possibility of using alternative solvent in place of Toulene proposed may be studied and submitted.

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

**ToR Proposal:**

**229.16** Pro-posed Expansion of Ethanol plant project at Sy.No.135, 139/1, 139/2, 140, 140/1, 141/1, 148/1, 148/2, 149, 150, 151, 152, 167, 168/1/2/3 of Bellad Bagewadi Village, Hukkeri Taluk, Belgaum District by M/s. Vishwaraj Sugar Industries Ltd., (SEIAA 28 IND 2019)

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

The Proponent and Environment Consultant attended the meeting to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting. The proponent and Environment consultant during the meeting made out a request to appraise this project under category B2.

The committee after due deliberation opined that the request of the proponent cannot be considered since it has already been classified under B1, for which the proponent stated that he will come back with proper justification/relevant records to claim this project to be categorised as B2. Hence the committee after discussion decided to recall the subject.

<b>Action:</b>	<b>Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.</b>
----------------	--

**Deferred Subject:**

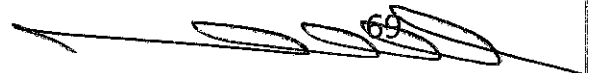
**229.17** Proposed Residenteial Apartment "Riverstone" at Land Bearing Sy.No.s46/1, of Thanisandra Village, Kasba Hobli, Bangalore North Taluk, Bangalore Urban District by **M/s. Riverstone Constructions LLP(SEIAA 50 CON 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri M Narsaiah, Partner, No.501, 5th Floor, Oasis Center, Opp: G Pulla Reddy Sweet House, Begumpet- Somajiguda Main Road, Hyderabad, Telangana.500016..
2	Name & Location of the Project	Proposed Residential Apartment "Riverstone" by Riverstone Constructions LLP., at Land Bearing Sy Nos. 46/1 of Thanisandra Village, Kasba Hobli, Bangalore North Taluk, Bangalore Urban District..
3	Co-ordinates of the Project Site	Longitude: 77° 41' 13.99"E Latitude: 12° 55' 50.84"N
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.)
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other
	b.	Residential Township/ Area Development Projects
6	Plot Area (Sqm)	6261.29 sq.m.
7	Built Up area (Sqm)	23050.67 sq.m
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of	Construction of Residential Building comprising of 2 Blocks each having 1 Basement Floor + Ground Floor + 14 Upper Floor + 1 Terrace

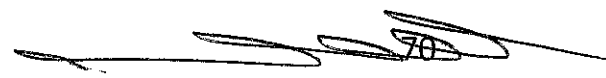
	Basements and Upper Floors]	Floor. Net Site Area is 6,261.29 sq.m. The BUA 23,050.67 sq.m.
9	Number of units in case of Construction Projects	Total Number of Units is 152 Nos.
10	Number of Plots in case of Residential Township/ Area Development Projects	-
11	Project Cost (Rs. In Crores)	46.00
12	Recreational Area in case of Residential Projects / Townships	Playground area - 257.01 sq.m. and Cycling track -212.58 sq.m. Total recreational ground area = 469.59 sq.m. (7.5% of plot area); Gym and Indoor games on Ground floor: 469.59sq.m.(7.5% of plot area). Total recreational area = 939.18sq.m. (15% of plot area)

13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	1400.01 sq.m (22.35%)
b.	Kharab land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	Buffer Area as per NGT order for Nala and lake: 17457.06 sq.m (59.63%) Other Landscape area: 3,710.03sq.m (12.68%) Total :21,167.09sq.m (72.31%)
d.	Internal Roads	2,795.65 sq.m.
e.	Paved area	-
f.	Others Specify	1700 sq.m for Civic amenities
g.	Parks and Open space in case of Residential Township/ Area Development Projects	3400 sqm
h.	Total	34,904.08sqm

14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	No demolition is involved.
b.	Total quantity of Excavated earth (in cubic meter)	14,549.68.
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	14,549.68
d.	Excess excavated earth (in cubic meter)	Nil
e.	Plan for scientific disposal of excess excavated earth along	No disposal



		with Coordinate of the site proposed for such disposal	
15	WATER		
	I. Construction Phase		
	a.	Source of water	From Nearby treated water suppliers
	b.	Quantity of water for Construction in KLD	50 KLD
	c.	Quantity of water for Domestic Purpose in KLD	10 KLD
	d.	Waste water generation in KLD	8 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the Mobile STP
	II. Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh 31.83
			Recycled 39.99+34.20=74.19
			Total 106.02
	b.	Source of water	BWSSB
	c.	Waste water generation in KLD	100.719KLD
	d.	STP capacity	120 KLD
	e.	Technology employed for Treatment	SBR Technology
	f.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis
16	Infrastructure for Rain water harvesting		
	a.	Capacity of sump tank to store Roof run off	242 cu.m.
	b.	No's of Ground water recharge pits	92 Nos.
17	Storm water management plan		The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water
18	WASTE MANAGEMENT		
	I. Construction Phase		
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.2 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.

 70

II. Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	182.40 kg/day. Biodegradable waste will be converted in organic convertor.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	121.60kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	E-waste generation will be very less
19	POWER	
a.	Total Power Requirement - Operational Phase	750 kVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3 X 750 kVA.
c.	Details of Fuel used for DG Set	HSD
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> <li>• Energy saved by using Solar water Heater : 30,000 kWh/ Year.....(a)</li> <li>• Solar Power Generation :</li> <li>• In non-monsoon season 100kWh x 30 x 8 Months = 24,000kWh</li> <li>• In monsoon season 100kWh x 30 x 4 Months = 12,000 kWh</li> <li>• Total SPV Power Generation in a year = 0.36 L kWh / Annum.....(b)</li> <li>• Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.30 + 0.36 L kWh = 0.66 L / Annum .....(c)</li> <li>• Total energy savings = 22.6%</li> </ul>
20	PARKING	
a.	Parking Requirement as per norms	<p>One car spacing for 1 unit the floor area is &gt;50 sq.m. = 152+10% visitors  Parking required is 152+15cars  Total car Parking required as per NBC= 167  Parking Provided is 167Ecs which is as Per NBC and MoEF Norms</p>
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	SH 104 Thanisandra main road-LOS - B

c.	Internal Road width (RoW)	8 m
----	---------------------------	-----

The proposal was placed before the committee for appraisal.

The proponent was invited for the 222<sup>nd</sup> meeting held on 10-5-2019 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 229<sup>th</sup> meeting held on 27-8-2019 to provide clarification and additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. As seen from the village survey map there is secondary nala on the western side of the project site for which the proponent has stated that he has left 35 meter buffer zone from the edge of the nala and also there is a tertiary nala on the northern side of the project site for which the proponent has stated that he has maintained 15 meter including the setback from the edge of the nala. Due to this some portion of the fire driveway on the northern side runs along the buffer zone for which the proponent has stated that he will build this portion of fire driveway at the elevated level leaving the buffer zone undisturbed except by putting up some columns.

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. Triple line plumbing system to be implemented instead of dual line plumbing by adopting sullage and sewage treatment separately.
4. Surface water runoff from paved areas to be stored and reused with suitable treatment systems.
5. CO sensors to be installed with suitable exhaust system for double and triple basements.

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

**Fresh subjects:**

**229.18** Proposed Building Stone Quarry Project at Sy.No.167 of Agara Village, Malur Taluk & Kolar District (1-20 Acres) By Sri A.N.Prakash (SEIAA 479 MIN 2019)






Sl. No	PARTICULARS	INFORMATION										
1	Name & Address of the Project Proponent	"Building Stone Quarry" of A N Prakash Nidaramangala Post, Tekal Hobli, Kolar District, Karnataka										
2	Name & Location of the Project	"Building Stone Quarry" Sy. No: 167, Agara Village, Malur Taluk, Kolar District, Karnataka.										
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>13°00'41.3700"N</td> <td>78° 01'59.0900"E</td> </tr> <tr> <td>13°00'41.3563"N</td> <td>78° 02'01.2633"E</td> </tr> <tr> <td>13°00'38.4423"N</td> <td>78° 02'01.0861"E</td> </tr> <tr> <td>13°00'38.5182"N</td> <td>78° 01'58.7335"E</td> </tr> </tbody> </table>	Latitude	Longitude	13°00'41.3700"N	78° 01'59.0900"E	13°00'41.3563"N	78° 02'01.2633"E	13°00'38.4423"N	78° 02'01.0861"E	13°00'38.5182"N	78° 01'58.7335"E
Latitude	Longitude											
13°00'41.3700"N	78° 01'59.0900"E											
13°00'41.3563"N	78° 02'01.2633"E											
13°00'38.4423"N	78° 02'01.0861"E											
13°00'38.5182"N	78° 01'58.7335"E											
4	Type of Mineral	<b>Building Stone Quarry</b>										
5	New / Expansion / Modification / Renewal	New										
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala land										
7	Whether the project site fall within ESZ/ESA	No										
8	Area in Ha	0.607 Ha										
9	Actual Depth of sand in the lease area in case of River sand	NA										
10	Depth of Sand proposed to be removed	It's a Building Stone Quarry										
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry										
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land										
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	62,031 Tons/annum										
14	Quantity of Topsoil/Over burden in cubic meter	As per the proposed quarrying programme over five year, no generation of top soil ,however if any small quantity generated it will be stocked & used for afforestation purposes.										
15	Mineral Waste Handled (Metric	1,266 TPA										

	Tons/ CUM)/ Annum			
16	Project Cost (Rs. In Crores)		0.75 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	None Within 5kms	
	b.	Nearest Human Habitation	Agara-1.5 Km (NE)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Tekal - 5 Km (SE)	
	d.	Water Bodies	Tykal Pond - 5.6 Kms(SE)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-00	
	b.	Waste Dumping Area	0-02	
	c.	Mineral Storage Area	0-04	
	d.	Infrastructure Area	0-02	
	e.	Road Area	0-02	
	f.	Buffer Zone	0-10	
	g.	Unexplored area	--	
	h.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	7.75 KLD
			Domestic	1.57 KLD
			Other	1.18 KLD
			Total	10.5 KLD
23	Storm water management plan		<ul style="list-style-type: none"> <li>• Drains will be constructed along the boundary of activity area</li> <li>• Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season</li> </ul>	

The 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, Pre-feasibility report approved mining plan and



clarification/additional information provided during the meeting. The committee noted that there were certain inconsistencies between the coordinates noted in the quarry plan and coordinates noted in the forest NOC for which the proponent has stated that he will come back correcting these inconsistencies. Hence the committee decided to defer the subject.

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

**229.19** Proposed Building Stone Quarry Project at Sy.No.185 of Makarahalli Village, Malur Taluk & Kolar Distric (5-00 Acres) By Sri Kakappa (SEIAA 480 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																							
1	Name & Address of the Project Proponent	Sri. Kakappa Makarahalli Village Nellahalli Post Tekal Hobli, Malur Taluk Kolar District																							
2	Name & Location of the Project	"Building Stone Quarry" of Sri. Kakappa Sy No: 185, Makarahalli Village, Malur Taluk, Kolar District, Karnataka.																							
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th rowspan="2">Boundary Points</th> <th colspan="2">WGS 84 Spherical Coordinates</th> </tr> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>12°58'34.3932"N</td> <td>78° 6'04.2930"E</td> </tr> <tr> <td>B</td> <td>12°58'37.0076"N</td> <td>78° 5'56.8053"E</td> </tr> <tr> <td>C</td> <td>12°58'35.4539"N</td> <td>78° 5'54.9677"E</td> </tr> <tr> <td>D</td> <td>12°58'31.6359"N</td> <td>78° 6'03.0663"E</td> </tr> <tr> <td>Ref. 1</td> <td>12°58'54.8100"N</td> <td>78° 6'08.4300"E</td> </tr> <tr> <td>Ref. 2</td> <td>12°58'30.7170"N</td> <td>78° 6'23.8239"E</td> </tr> </tbody> </table>	Boundary Points	WGS 84 Spherical Coordinates		Latitude	Longitude	A	12°58'34.3932"N	78° 6'04.2930"E	B	12°58'37.0076"N	78° 5'56.8053"E	C	12°58'35.4539"N	78° 5'54.9677"E	D	12°58'31.6359"N	78° 6'03.0663"E	Ref. 1	12°58'54.8100"N	78° 6'08.4300"E	Ref. 2	12°58'30.7170"N	78° 6'23.8239"E
Boundary Points	WGS 84 Spherical Coordinates																								
	Latitude	Longitude																							
A	12°58'34.3932"N	78° 6'04.2930"E																							
B	12°58'37.0076"N	78° 5'56.8053"E																							
C	12°58'35.4539"N	78° 5'54.9677"E																							
D	12°58'31.6359"N	78° 6'03.0663"E																							
Ref. 1	12°58'54.8100"N	78° 6'08.4300"E																							
Ref. 2	12°58'30.7170"N	78° 6'23.8239"E																							
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	2.02 Ha																							
9	Actual Depth of sand in the lease	NA																							

	area in case of River sand	
10	Depth of Sand proposed to be removed in case of River sand	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	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	330975 TPA
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	6,754TPA
16	Project Cost (Rs. In Crores)	0.83crores
17	Environmental Sensitivity	
	a. Nearest Forest	TyakalState Forest -2.00 (N)
	b. Nearest Human Habitation	Thimmanaikanahalli Village -1.45Kms(NE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Malur -17.4 Kms (W)
	d. Water Bodies	MakarahalliPond-1.15kms(E) NelahalliPond-1.50kms(SE)
	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	4-00
	b. Waste Dumping Area	0-04
	c. Top Soil yard	---
	d. Mineral Storage Area	0-06
	e. Infrastructure Area	0-02
	f. Road Area	0-02
	g. Green Belt Area	0-26
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method
21	Rate of Replenishment in case River sand project	NA
22	Water Requirement	

	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.5KLD
			Domestic	0.65KLD
			Other	1.05KLD
			Total	11.2 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

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

The Proponent and Environment Consultant attended the 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, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in government land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments.

As per the combined sketch prepared by the DMG there are three other leases and all the three leases are exempted from cluster effect in view of the fact that those leases were granted prior to 9-9-2013. Hence this is the only lease which is to be accounted in the cluster and the area of this being less than the threshold limit of 5 Ha., committee decided to categorise under B2 and proceeded with the appraisal accordingly. The proponent has stated that the lease area is situated at a distance of more than 200 meters from the public road.

As per the quarry plan approved by DMG there is a level difference of 14 meters and taking this into consideration the committee opined that 85% of the proposed quantity of 6,21,000 cum or 16,54,873 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 20 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 270 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.20.00 lakhs towards rejuvenation of Makarahalli pond which is at a distance of 1.15 KM from the lease area.

However, the committee observed that a quarry lease appraised by the committee in the same area recently is not reflected in the cluster map prepared by the DMG. Hence the committee felt that a revised cluster map showing the said quarry lease shall be submitted by the proponent.

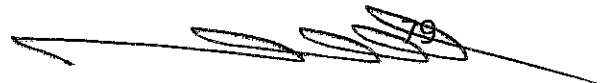
Hence the committee decided to reconsider the proposal after submitting the revised clustermap prepared by DMG.

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

**229.20 Proposed Building Stone Quarry Project at Sy.Nos.399/D & 399/1 of Uchangidurga Village, Harapanahalli Taluk, Davanagere District (2-00 Acres) By Sri G. Shekarappa(SEIAA 481 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION																														
1	Name & Address of the Project Proponent	Sri G. Shekarappa, S/o Hanumanthappa U. Kallahalli Chantnahalli Post Harappanahalli Taluk, Davanagere District, Karnataka.																														
2	Name & Location of the Project	"Building Stone Quarry" of Sri G. Shekarappa, Sy No: 399/D & 399/1 , Uchangidurga Village, Harappanahalli Taluk, Davanagere District, Karnataka.																														
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">WGS 84</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>14°32'58.10"N</td> <td>76° 2'51.70"E</td> </tr> <tr> <td>2</td> <td>14°32'56.50"N</td> <td>76° 2'51.30"E</td> </tr> <tr> <td>3</td> <td>14°32'55.20"N</td> <td>76° 2'51.80"E</td> </tr> <tr> <td>4</td> <td>14°32'54.90"N</td> <td>76° 2'54.10"E</td> </tr> <tr> <td>5</td> <td>14°32'58.40"N</td> <td>76° 2'54.90"E</td> </tr> <tr> <td>Ref A</td> <td>14°33'05.10"N</td> <td>76° 2'43.50"E</td> </tr> <tr> <td>Ref B</td> <td>14°33'01.30"N</td> <td>76° 2'48.40"E</td> </tr> <tr> <td>Ref C</td> <td>14°33'02.40"N</td> <td>76° 2'53.30"E</td> </tr> </tbody> </table>	WGS 84			Points	Latitude	Longitude	1	14°32'58.10"N	76° 2'51.70"E	2	14°32'56.50"N	76° 2'51.30"E	3	14°32'55.20"N	76° 2'51.80"E	4	14°32'54.90"N	76° 2'54.10"E	5	14°32'58.40"N	76° 2'54.90"E	Ref A	14°33'05.10"N	76° 2'43.50"E	Ref B	14°33'01.30"N	76° 2'48.40"E	Ref C	14°33'02.40"N	76° 2'53.30"E
WGS 84																																
Points	Latitude	Longitude																														
1	14°32'58.10"N	76° 2'51.70"E																														
2	14°32'56.50"N	76° 2'51.30"E																														
3	14°32'55.20"N	76° 2'51.80"E																														
4	14°32'54.90"N	76° 2'54.10"E																														
5	14°32'58.40"N	76° 2'54.90"E																														
Ref A	14°33'05.10"N	76° 2'43.50"E																														
Ref B	14°33'01.30"N	76° 2'48.40"E																														
Ref C	14°33'02.40"N	76° 2'53.30"E																														
4	Type of Mineral	"Building Stone Quarry"																														
5	New / Expansion / Modification / Renewal	New																														
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land																														
7	Whether the project site fall within ESZ/ESA	No																														
8	Area in Ha	0.809 Ha																														
9	Actual Depth of sand in the lease area in case of River sand	NA																														

10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	"Building Stone Quarry"
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	79,918 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,630 TPA
16	Project Cost (Rs. In Crores)	0.71 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Uchangidurga Reserved Forest -3.10 kms(NW)
	b. Nearest Human Habitation	Uchangidurga Village - 1.39 Km (NE)
	c. Educational Institutes, Hospital	Davanagere - 16.5 Kms(SW)
	d. Water Bodies	KallahalliPond-1.03kms(S) BevinahalliPond-2.10kms(NW)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-12
	b. Waste Dumping Area	0-02
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	0-04
	e. Infrastructure Area	0-02
	f. Road Area	0-02
	g. Green Belt Area/Buffer Zone	0-18
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi-mechanized method of 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	8.84 KLD
			Domestic	1.03KLD
			Other	0.63 KLD
			Total	10.5 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.

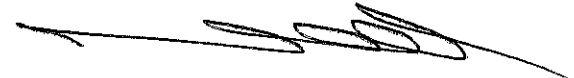
The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also obtained land conversion order. The lease has been notified on 5-1-2019.

As seen from the quarry plan there is a level difference of 12 meters within the mining area and taking this into consideration the committee opined that 60% of the proposed quantity of 1,50,000 cum or 3,99,589 tons can be mined safely and scientifically to a quarry pit depth of 15 meters for a plan period of five years.

As per the extended cluster sketch approved by DMG there are three leases including this lease the combined area of which is 6.26 Acres and this being less than less than the threshold limit of 5 Hectares, the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 210 meters 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 Kallahalli pond which is at a distance of 1.03 KM from the lease area.





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

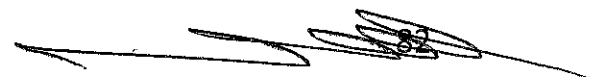
1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.

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

**229.21** 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 Igol Basavarajappa, Vijayanagara Badavane, 5 <sup>th</sup> Ward, Huvina Hadagali, 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/Over burden 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 Mudenuru kere which is at a distance of 3.2 KM from the lease area.

However, in view of the boundary of Kapathguda Wildlife sanctuary extending at some points upto the Tungabhadra river bank, correct distance certificate has to be

  
83

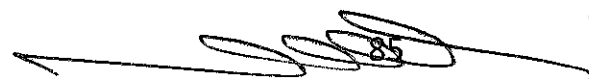
obtained from the Wildlife Authorities to know whether this mining area falls within the 10 KM from the boundary of Kapathguda. Hence the committee after discussion decided to reconsider after submission of the above information.

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

**229.22 Proposed Dasarahalli Building Stone Quarry over an extent of 3-00 Acres at Sy.No.384, Dasarahalli, Huvinahadagali, Ballari by Sri. K. Govinda Reddy(SEIAA 483 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Sri K. Govinda Reddy S/o Purushottama Reddy, 4 <sup>th</sup> Ward, Soppina Kalamma Badavane, Huvinahadagali, Ballari District.																		
2	Name & Location of the Project	"Building Stone Quarry" Sy. No. 384) Dasarahalli Village, Huvinahadagali 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° 03' 30.9435"</td> <td>75° 57' 40.9938"</td> </tr> <tr> <td>2</td> <td>15° 03' 32.4043"</td> <td>75° 57' 42.4347"</td> </tr> <tr> <td>3</td> <td>15° 03' 27.8841"</td> <td>75° 57' 41.3150"</td> </tr> <tr> <td>4</td> <td>15° 03' 26.4747"</td> <td>75° 57' 45.8828"</td> </tr> </tbody> </table>	Datum - wgs84			Pillar	Latitude	Longitude	1	15° 03' 30.9435"	75° 57' 40.9938"	2	15° 03' 32.4043"	75° 57' 42.4347"	3	15° 03' 27.8841"	75° 57' 41.3150"	4	15° 03' 26.4747"	75° 57' 45.8828"
Datum - wgs84																				
Pillar	Latitude	Longitude																		
1	15° 03' 30.9435"	75° 57' 40.9938"																		
2	15° 03' 32.4043"	75° 57' 42.4347"																		
3	15° 03' 27.8841"	75° 57' 41.3150"																		
4	15° 03' 26.4747"	75° 57' 45.8828"																		
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	1.214 Ha (3.00 Acres)																		
9	Actual Depth of sand in the lease area in case of River sand	NA																		

10	Depth of Sand proposed to be removed	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	45,000 Tonnes per annum salable Building Stone Quarry
14	Quantity of Topsoil/Overburden in cubic meter	Nil
15	Mineral WasteHandled (Metric Tons/ CUM)	918 Tons/ Annum
16	Project Cost (Rs. In Crores)	50 lakhs
17	Environmental Sensitivity	
	a. Nearest Forest	Koyilargatti Reserved Forest - 1.75 Km (Northern)
	b. Nearest Human Habitation	Dasarahalli Village - 0.50 Kms (Western)
	c. Educational Institutes, Hospital	Huvinahadagali - 5.00 Kms (SW)
	d. Water Bodies	Hosahalli Kere surface water body - 3.50 Km (NW)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Hectares	
	a. Area for Mining/ Quarrying	0.738
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	
	d. Mineral Storage Area	--
	e. Infrastructure Area	
	f. Road Area	0.020
	g. Green Belt Area/ Buffer Zone	0.371
	h. Unexplored area	0.085
	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	4.0 KLD
		Domestic	1.0 KLD
		Total	5.0 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

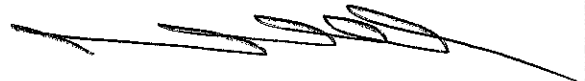
The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 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. The proponent has also stated that lease for this area has been notified on 12-12-2017.

As per the extended combined sketch prepared by the DMG there are four leases, including this lease but other three leases which are in the combined sketch have expired and not been renewed. Hence effectively this is the only lease within the 500 meter radius from this lease and area of this 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 6 meters and taking this into consideration the committee opined that the proposed quantity of 85,557 cum or 2,25,000 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 12 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 350 meters connecting the lease area to all weather black topped road.

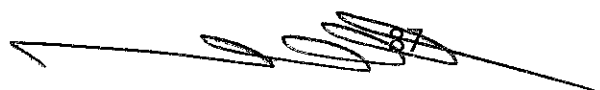
As far as CER is concerned, the proponent has earmarked Rs.4.50 lakhs towards rejuvenation of Hosahalli kere which is at a distance of 3.0 KM from the lease area.

However, in view of the boundary of Kapathguda 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 Kapathguda. Hence the committee after discussion decided to reconsider after submission of the above information.

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

**229.23 Proposed "Building Stone Quarry" over an extent of 2-00 Acre at Sy.No.540/8, Uchangidurga Village, Harappanahalli Taluk, Davangere District by Sri. G. Shekarappa(SEIAA 485 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION																																				
1	Name & Address of the Project Proponent	Sri G. Shekarappa, S/o Hanumanthappa U. Kallahalli Chantnahalli Post, Harappanahalli Taluk Davanagere District, Karnataka.																																				
2	Name & Location of the Project	"Building Stone Quarry" of Sri G. Shekarappa Sy No: 540/8 , Uchangidurga Village, Harappanahalli Taluk, Davanagere District, Karnataka.																																				
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">WGS 84</th> </tr> <tr> <th>Points</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>14°33'05.1"N</td> <td>76° 02'45.5"E</td> </tr> <tr> <td>2</td> <td>14°33'04.8"N</td> <td>76° 02'46.3"E</td> </tr> <tr> <td>3</td> <td>14°33'04.4"N</td> <td>76° 02'46.6"E</td> </tr> <tr> <td>4</td> <td>14°33'05.4"N</td> <td>76° 02'52.5"E</td> </tr> <tr> <td>5</td> <td>14°33'05.5"N</td> <td>76° 02'53.5"E</td> </tr> <tr> <td>6</td> <td>14°33'06.2"N</td> <td>76° 02'53.5"E</td> </tr> <tr> <td>7</td> <td>14°33'05.8"N</td> <td>76° 02'45.5"E</td> </tr> <tr> <td>RefA</td> <td>14°33'05.1"N</td> <td>76° 02'45.5"E</td> </tr> <tr> <td>RefB</td> <td>14°33'01.3"N</td> <td>76° 02'48.4"E</td> </tr> <tr> <td>RefC</td> <td>14°33'02.3"N</td> <td>76° 02'53.3"E</td> </tr> </tbody> </table>	WGS 84			Points	Latitude	Longitude	1	14°33'05.1"N	76° 02'45.5"E	2	14°33'04.8"N	76° 02'46.3"E	3	14°33'04.4"N	76° 02'46.6"E	4	14°33'05.4"N	76° 02'52.5"E	5	14°33'05.5"N	76° 02'53.5"E	6	14°33'06.2"N	76° 02'53.5"E	7	14°33'05.8"N	76° 02'45.5"E	RefA	14°33'05.1"N	76° 02'45.5"E	RefB	14°33'01.3"N	76° 02'48.4"E	RefC	14°33'02.3"N	76° 02'53.3"E
WGS 84																																						
Points	Latitude	Longitude																																				
1	14°33'05.1"N	76° 02'45.5"E																																				
2	14°33'04.8"N	76° 02'46.3"E																																				
3	14°33'04.4"N	76° 02'46.6"E																																				
4	14°33'05.4"N	76° 02'52.5"E																																				
5	14°33'05.5"N	76° 02'53.5"E																																				
6	14°33'06.2"N	76° 02'53.5"E																																				
7	14°33'05.8"N	76° 02'45.5"E																																				
RefA	14°33'05.1"N	76° 02'45.5"E																																				
RefB	14°33'01.3"N	76° 02'48.4"E																																				
RefC	14°33'02.3"N	76° 02'53.3"E																																				
4	Type of Mineral	"Building Stone Quarry"																																				
5	New / Expansion / Modification / Renewal	New																																				
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land																																				



7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	"Building Stone Quarry"
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	80,695 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1647TPA
16	Project Cost (Rs. In Crores)	0.75 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Uchangidurga Reserved Forest - 2.60 kms(NW)
	b. Nearest Human Habitation	Uchangidurga Village - 1.26 Km (NE)
	c. Educational Institutes, Hospital	Davanagere - 16.5 Kms(SW)
	d. Water Bodies	Kallahalli Pond - 1.40 kms(S) Bevinahalli Pond - 1.90 kms(NW)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-10
	b. Waste Dumping Area	0-02
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	0-04
	e. Infrastructure Area	0-02
	f. Road Area	0-02
	g. Green Belt Area/Buffer Zone	0-20
	h. Unexplored area	--



	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi-mechanized Method of 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	8.84 KLD
			Domestic	1.03KLD
			Other	0.66 KLD
			Total	10.5 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, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also obtained land conversion order. The lease has been notified on 5-1-2019.

As seen from the quarry plan there is a level difference of 12 meters within the mining area and taking this into consideration the committee opined that 50% of the proposed quantity of 1,51,681 cum or 4,03,473 tons can be mined safely and scientifically to a quarry pit depth of 15 meters for a plan period of five years.

As per the extended cluster sketch approved by DMG there are three leases including this lease the combined area of which is 6.26 Acres and this being less than less than 5 Hectares, the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

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



As far as CER is concerned the proponent has stated, that he will earmark Rs.4.00 lakhs to take up rejuvenation of Kallahalli pond which is at a distance of 1.40 KM from the lease area.

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

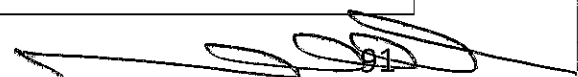
1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.

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

**229.24** Proposed Ornamental Stone/Pink Granite Quarry in 3-00 Acres of Govt Land bearing Sy.No.204(Part) of Nittur Village, Siriguppa Taluk & Bellary District by Sri. K.M Chandrashekar(SEIAA 487 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Sri. K. M. Chandrashekar</b> #594, 9 <sup>th</sup> Cross, Triveni Road Divanarapalya, Yashwanthpur Bangalore, Karnataka		
2	Name & Location of the Project	Pink Granite Quarry in 3-00 Acres of Govt. Revenue Land bearing Sy. No. 204(P) in Uduvegere Village, Magadi Taluk & Ramanagara District, Karnataka		
3	Co-ordinates of the Project Site	C.P	Latitude	Longitude
		1	N 15° 31' 39.1"	E 76 ° 50' .43.3"
		2	N 15° 31' 44.8"	E 76 ° 50' .38.1"
		3	N 15° 31' 44.6"	E 76 ° 50' .39.3"
		4	N 15° 31' 42.6"	E 76 ° 50' .42.8"
5	N 15° 31' 42.0"	E 76 ° 50' .45.3"		
4	Type of Mineral	Pink Granite( Ornamental 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 Ha	1.214		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be	NA		

	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		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		2,944 Cum/ Annum
14	Quantity of Topsoil/Over burden in cubic meter		None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		4,416Cum/ Annum
16	Project Cost (Rs. In Crore )		0.40
17	Environmental Sensitivity		
	a.	Nearest Forest	None within 5 Km Radial Distance
	b.	Nearest Human Habitation	Nittur-3.0Km
	c.	Educational Institutes, Hospital	Siruguppa which is Taluk and head quarter-16.0Km
	d.	Water Bodies	Bagewadi Distributary-350m W Un-Named Tributary to TB River-1.7 Km Thunga-Bhadra River-3.45 Km W Tekkalakote Sy.No.778 Forest-500m
	e.	Other Specify	-
18	Applicability of General Condition of the EIA Notification, 2006		None
19	Details of Land Use in Acres		
	a.	Quarry workings	1-11
	b.	Waste Dumps/ Mineral Storage	0-12
	c.	Roads/ Infrastructure	0-02
	d.	Proposed buffer zone	0-25
	e.	Unexplored area	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 3.5 KLD



		Domestic	0.55 KLD
		Other	2.45KLD
		Total	6.50KLD
23	Storm water management plan	Will be carried out.	
24	Any other information specific to the project (Specify)	None	

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 27-8-2019 to provide clarification/additional information.

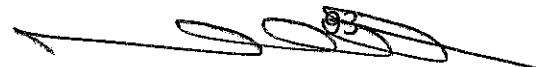
The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. As seen from the records it is noted that there is a difference in lease boundary pillars, that being five numbers in quarry plan and six numbers in the combined sketch prepared by DMG. When this was pointed out, the proponent has agreed to come back after correcting the discrepancies. In this regard the Environment consultant and RQP are warned for this discrepancy and also they being repeated violaters this warning should be taken as final warning failing which suitable action will be initiated. Hence decided to defer.

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

**229.25 Proposed "Building Stone Quarry" over an extent of 1-25 Acres at Sy.No.79/5, Kadanakoppa Village, Khalghatgi Taluk, Dharwad District by Shri Gurubasavaraj B Hukkeri(SEIAA 488 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION										
1	Name & Address of the Project Proponent	Shri. Gurubasavaraj B Hukkeri S/o Budappa Dastikoppa Village, Dharwad Taluk & District, Karnataka - 581204										
2	Name & Location of the Project	"Building Stone Quarry" of Shri. Gurubasavaraj B Hukkeri, Sy No. 79/5, Kadanakoppa Village, Khalghatgi Taluk, Dharwad District, Karnataka										
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 15° 16' 33.88"</td> <td>E 75° 1' 40.72"</td> </tr> <tr> <td>N 15° 16' 34.09"</td> <td>E 75° 1' 42.81"</td> </tr> <tr> <td>N 15° 16' 32.01"</td> <td>E 75° 1' 44.01"</td> </tr> <tr> <td>N 15° 16' 31.58"</td> <td>E 75° 1' 40.84"</td> </tr> </tbody> </table>	Latitude	Longitude	N 15° 16' 33.88"	E 75° 1' 40.72"	N 15° 16' 34.09"	E 75° 1' 42.81"	N 15° 16' 32.01"	E 75° 1' 44.01"	N 15° 16' 31.58"	E 75° 1' 40.84"
Latitude	Longitude											
N 15° 16' 33.88"	E 75° 1' 40.72"											
N 15° 16' 34.09"	E 75° 1' 42.81"											
N 15° 16' 32.01"	E 75° 1' 44.01"											
N 15° 16' 31.58"	E 75° 1' 40.84"											
4	Type of Mineral	<b>Building Stones</b>										
5	New / Expansion / Modification / Renewal	New										

6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.657 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	598.80 m Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	10,000 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	There is No topsoil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)	526 Tons/ annum
16	Project Cost (Rs. In Crores)	0.71 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Kurankoppa Reserved Forest -2.60 km(NE)
	b. Nearest Human Habitation	Kadanakoppa - 1.90 kms (SE)
	c. Educational Institutes, Hospital	Khalghatgi - 12.3 kms (SW)
	d. Water Bodies	B. Gudihalpond -1.40 Km (W) Kadanakoppa pond-1.55 Km (SE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-02
	b. Waste Dumping Area	0-01
	c. Top Soil Storage Area	
	d. Mineral Storage Area	0-03
	e. Infrastructure Area	
	f. Road Area	0-01



	g.	Buffer Zone	0-18	
	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	9.24 KLD
			Domestic	1.26 KLD
			Other	0.80 KLD
			Total	11.3 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 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, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also obtained land conversion order. The lease has been notified on 24-5-2019.

As seen from the quarry plan there is a level difference of 1.5 meters within the mining area and taking this into consideration and also the fact that the proponent has mined about 9,000 cum in the lease area of 20 guntas granted earlier and not covered in EC domain, the committee opined that the proposed quantity of 18,796 cum or 50,000 tons can be mined safely and scientifically to a quarry pit depth of 6 meters for a plan period of five years.

As per the extended cluster sketch approved by DMG there are four leases including this lease the combined area of which is 4 Acres 5 Guntas and this being less than less than 5 Hectares, the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his

project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 180 meters connecting lease area to all weather black topped road formed by the other quarry lease owners in the same area and leading further and joining MDR at a distance of 240 meters from the lease area and the proponent has stated that the aerial distance between MDR and lease area is more than 200 meters.

As far as CER is concerned the proponent has stated, that he will earmark Rs.1.00 lakhs to take up works in connection with water conservation at Govt. Lower Primary School at Kadanakoppa which is at a distance of 2.00 KM from the lease area.

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

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

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

**229.26 Proposed "Building Stone Quarry" over an extent of 2-24 Acre at Sy.No.40, Golladoddi Village, Chikkaballapura Taluk and District by M/s. Balaji Enterprises(SEIAA 489 MIN 2019)**

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

The proponent was invited for the 229<sup>th</sup> meeting held on 27-8-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

**28th August 2019**

**Members present in the meeting:**

Shri. N. Naganna	-	Chairman
Dr. B. Chikkappaiah, IFS(R)	-	Member



Dr. N. Krishnamurthy	-	Member
Dr. M.I Hussain	-	Member
Shri M. Srinivasa	-	Member
Dr. Vinodkumar C.S	-	Member
Shri. Vyshak V. Anand	-	Member
Shri D. Raju	-	Member
Shri J.G Kaveriappa	-	Member
Shri Venugopal .V	-	Member
Shri Md. Saleem I Shaikh	-	Member
Shri. Vijaya Kumar,IFS	-	Secretary

**229.27** Proposed "Building Stone Quarry" over an extent of 2-00 Acre at Sy.No.73, Kaval Girenahalli Village, Malur Taluk, Kolar District by Sri. H.M Ramesh Gowda(SEIAA 491 MIN 2019)

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

The proponent was invited for the 229<sup>th</sup> meeting held on 28-8-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

**229.28** Proposed "Green Granite Quarry" over an extent of 3-00 Acres at Sy.No.4 of Thambalahalli Village, Sidlaghatta Taluk, Chikkaballapur District by M/s. Mukund Stone Pvt Ltd.,(SEIAA 492 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	M/S. Mukund Stone Pvt. Ltd, No. 55,Road No.3, Jigani Industrial Area, Anekal ,Bangalore 560105																		
2	Name & Location of the Project	"Green Granite Quarry" of M/S. Mukund Stone Pvt. Ltd,at Sy No:4, Thambalahalli village,Sidlaghatta Taluk,Chikkabalapur District, Karnataka.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">Co- ORDINATES(INDO-BANGLA)</th> </tr> <tr> <th>POINTS</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>13°32' 09.2"</td> <td>77°50' 21.7"</td> </tr> <tr> <td>B</td> <td>13°32' 08.8"</td> <td>77°50' 17.5"</td> </tr> <tr> <td>C</td> <td>13°32' 12.0"</td> <td>77°50' 17.1"</td> </tr> <tr> <td>D</td> <td>13°32' 12.9"</td> <td>77°50' 21.4"</td> </tr> </tbody> </table>	Co- ORDINATES(INDO-BANGLA)			POINTS	LATITUDE	LONGITUDE	A	13°32' 09.2"	77°50' 21.7"	B	13°32' 08.8"	77°50' 17.5"	C	13°32' 12.0"	77°50' 17.1"	D	13°32' 12.9"	77°50' 21.4"
Co- ORDINATES(INDO-BANGLA)																				
POINTS	LATITUDE	LONGITUDE																		
A	13°32' 09.2"	77°50' 21.7"																		
B	13°32' 08.8"	77°50' 17.5"																		
C	13°32' 12.0"	77°50' 17.1"																		
D	13°32' 12.9"	77°50' 21.4"																		



4	Type of Project	Green Granite Quarry
5	New / Expansion / Modification / Renewal	Existing (QL No.661)
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.214 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed 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 Green Granite.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	892m existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,960 Cu.m per Annum
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be produced.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3,960 Cu.m per annum
16	Project Cost (Rs. In Crores)	1.61crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest - 4.20 kms(NW)
	b. Nearest Human Habitation	Thambalahalli - 1.74 Km (NW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Sidlagahatta - 15.9 Km (S)
	d. Water Bodies	Nallarallapalli pond - 1.15 Kms (E) Basettiahalli Pond - 2.50 Kms(SE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	0.700



	b.	Waste Dumping Area	0.970	
	c.	Top Soil yard	--	
	d.	Mineral Storage Area	0.010	
	e.	Infrastructure Area	0.015	
	f.	Road Area	0.030	
	g.	Green Belt Area	---	
	h.	Unexplored area	0.409	
	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	8.6KLD
			Domestic	1.8KLD
			Other	2.8 KLD
			Total	13.2 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal involving ornamental stone mining in Government land. The lease for the same was granted in the year 2004 and according to audit report, the proponent has stated that he has carried out the mining from 2005-2014 and stopped mining since then till date.

As per the quarry plan approved by DMG there is a level difference of 25 meters and taking this into consideration and also the fact that he has mined 2328 cum of Ornamental stone, the committee opined that the proposed gross quantity of 39,600 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 50% ie., 19,800 cum and the waste being 19,800 cum and it can be converted into building stone with permission from the competent authority and the same has been reflected in the approved mining plan.

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

The proponent has stated that there is a existing cart track road to a length of 450 meters connecting the lease area to all weather black topped road.

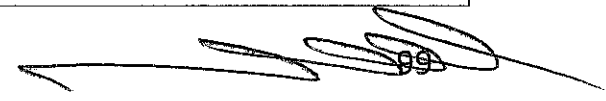
As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation Nallarallapalli pond which is at a distance of 1.15 KM from the lease area.

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

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

**Action:** Secretary, SEAC to forward the proposal to SEIAA for further necessary action.  
**229.29** Proposed "Building Stone Quarry" over an extent of 5-00 Acres at Sy.No.233, Tyakal Village, Malur Taluk, Kolar District by Sri. N Nataraja(SEIAA 493 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Sri N. Nataraja, S/o Late Nanjundappa, Banakanahalli Village, Thyavanahalli (P), Kolar Taluk & District, Karnataka.																		
2	Name & Location of the Project	"Building Stone Quarry" of Sri N. Nataraja Sy No: 233, Tyakal Village, Malur Taluk, Kolar District, Karnataka.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>POINTS</th> <th>LATITUDE</th> <th>LONGITUDE</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 12° 58' 45.67"</td> <td>E 78° 05' 34.16"</td> </tr> <tr> <td>B</td> <td>N 12° 58' 49.04"</td> <td>E 78° 05' 30.69"</td> </tr> <tr> <td>C</td> <td>N 12° 58' 43.08"</td> <td>E 78° 05' 35.19"</td> </tr> <tr> <td>D</td> <td>N 12° 58' 40.14"</td> <td>E 78° 05' 36.26"</td> </tr> <tr> <td>E</td> <td>N 12° 58' 39.87"</td> <td>E 78° 05' 34.14"</td> </tr> </tbody> </table>	POINTS	LATITUDE	LONGITUDE	A	N 12° 58' 45.67"	E 78° 05' 34.16"	B	N 12° 58' 49.04"	E 78° 05' 30.69"	C	N 12° 58' 43.08"	E 78° 05' 35.19"	D	N 12° 58' 40.14"	E 78° 05' 36.26"	E	N 12° 58' 39.87"	E 78° 05' 34.14"
POINTS	LATITUDE	LONGITUDE																		
A	N 12° 58' 45.67"	E 78° 05' 34.16"																		
B	N 12° 58' 49.04"	E 78° 05' 30.69"																		
C	N 12° 58' 43.08"	E 78° 05' 35.19"																		
D	N 12° 58' 40.14"	E 78° 05' 36.26"																		
E	N 12° 58' 39.87"	E 78° 05' 34.14"																		
4	Type of Project	<b>Building Stone</b>																		
5	New / Expansion / Modification / Renewal	Renewal(QL No-849)																		



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 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	2,33,420 TPA
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	4764TPA
16	Project Cost (Rs. In Crores)	0.70 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Takal State Forest - 1.40 (N)
	b. Nearest Human Habitation	Tyakal - 2.31 kms (W)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Bangarpet - 8.70Kms (E)
	d. Water Bodies	Takal Pond - 1.79 (W)
	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	4-00
	b. Waste Dumping Area	0-02
	c. Top Soil yard	---
	d. Mineral Storage Area	0-02
	e. Infrastructure Area	0-01
	f. Road Area	0-02

	g.	Green Belt Area	0-33	
	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	8.5KLD
			Domestic	0.6 KLD
			Other	1.00 KLD
			Total	10.1 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal involving building stone mining in government land. The lease for this was granted in the year 2008 and as per the audit report prepared by the DMG, he has carried out mining only during 2011-12 and not in other years. The proponent has stated that he has obtained NOCs from Revenue and Forest Departments.

As per the extended combined sketch prepared by the DMG there are no other leases, within the 500 meter radius from this lease and 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 60 meters and taking this into consideration and also the fact that he has already mined 200 tons, the committee opined that the proposed quantity of 4,38,000 cum or 11,67,101 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 5 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 270 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.25.00 lakhs towards rejuvenation of Tyakal pond which is at a distance of 1.60 KM from the lease area.

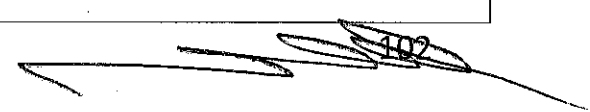
The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

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

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

**229.30 Proposed Pink Granite Quarry Project at Sy.No.151/4 of Hirekodagali Village, Hungund Taluk, Bagalkot District (4-00 Acres) By Sri Manikrao L Kalyankar (SEIAA 494 MIN 2019)**

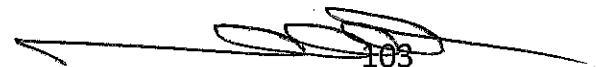
Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri.Manikrao L Kalyankar # 2723, Ilkal, Hungund Bagalkot, Karnataka.		
2	Name & Location of the Project	Pink Granite Quarry Hirekodagali Village, Hungund Taluk Bagalkot District.		
3	Co-ordinates of the Project Site	Datum: WGS 84		
			Latitude	Longitude
		A	N15° 54' 23.8"	E76° 08' 24.6"
		B	N15° 54' 18.8"	E76° 08' 24.1"
		C	N15° 54' 19.5"	E76° 08' 20.6"
	D	N15° 54' 24.4"	E76° 08' 21.1"	
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	1.6 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		

 102

11	Annual Production Proposed (Metric Tons/ CUM) / Annum	3420 Cum	
12	Quantity of Topsoil/Over burden in cubic meter.	5793 tons	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	12768 TPA	
14	Project Cost (Rs. In Crores)	3.39 Cr	
15	Environmental Sensitivity		
	a. Nearest Forest	NA	
	b. Nearest Human Habitation	Hirekodagali tanda -0.8 km	
	c. Educational Institutes, Hospital	Ilkal, Hungund Taluk -9km & 19 km	
	d. Water Bodies	Hirekodagali tanda pond- 1.5 KM towards SW	
	e. Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006	No	
17	Details of Land Use in Ha		
	a. Area for Mining/ Quarrying	2-00	
	b. Waste Dumping Area	0-36	
	c. Top Soil Storage Area	-	
	d. Mineral Storage Area	0-04	
	e. Infrastructure Area	0-02	
	f. Road Area	-	
	g. Green Belt Area	0-38	
	h. Unexplored area		
	i. Others Specify (Untouched)	-	
	Total	4-00	
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 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 28-8-2019 to provide clarification/additional information.

  
103

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal involving ornamental stone mining in Patta land. This is a fresh lease notified on 28-5-2019. The proponent has stated that he has obtained NoCs from Revenue and Forest Department and also obtained land conversion order.

As per the quarry plan approved by DMG there is a level difference of 2 meters and taking this into consideration, the committee opined that the proposed gross quantity of 57,000 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 30% i.e., 17,100 cum in the form of commercial blocks, and 30% i.e., 17,100 cum in the form of khandas and the waste being 40% i.e., 22,800 cum and proponent has stated that he will get this converted into building stone with permission from the competent authority. However as interim measure he has stated that he has earmarked 36 guntas within the lease area for the waste dumping.

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

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.5.00 lakhs to take up rejuvenation Hirekodagali pond which is at a distance of 1.50 KM from the lease area.

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

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

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

**229.31 Proposed Expansion of Building Stone Quarry Project at Sy.No.241 of Uregahalli Village, Ramanagara Taluk & District (6-00 Acres) (Q.L.No.1275)By Sri K. Prakash (SEIAA 495 MIN 2019)**

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



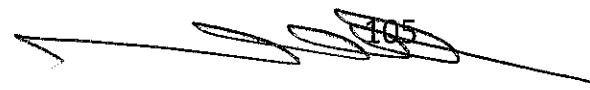
The proponent was invited for the 229<sup>th</sup> meeting held on 28-8-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

**229.32 Proposed Building Stone Quarry Project at Sy.No.38/1-5(P) of Warkanahalli Village, Yadgir Taluk & District (2-00 Acres) By Sri Sheshappa (SEIAA 504 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION															
1	Name & Address of the Project Proponent	She Sri sheshappa S/O Mallanna H.No.1-143, Haligera village Taluk: Yadgir, Dist : Yadgir State : Karnataka.															
2	Name & Location of the Project	Warkanahalli Village Yadgir Taluk, Yadgir District Karnataka.															
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Corner Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>N16°44'39.0"</td> <td>E77°12'46.1"</td> </tr> <tr> <td>2.</td> <td>N16°44'40.3"</td> <td>E77°12'49.9"</td> </tr> <tr> <td>3.</td> <td>N16°44'38.3"</td> <td>E77°12'50.7"</td> </tr> <tr> <td>4.</td> <td>N16°44'37.1"</td> <td>E77°12'47.0"</td> </tr> </tbody> </table>	Corner Point	Latitude	Longitude	1.	N16°44'39.0"	E77°12'46.1"	2.	N16°44'40.3"	E77°12'49.9"	3.	N16°44'38.3"	E77°12'50.7"	4.	N16°44'37.1"	E77°12'47.0"
Corner Point	Latitude	Longitude															
1.	N16°44'39.0"	E77°12'46.1"															
2.	N16°44'40.3"	E77°12'49.9"															
3.	N16°44'38.3"	E77°12'50.7"															
4.	N16°44'37.1"	E77°12'47.0"															
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 with in ESZ/ESA	No															
8	Area in Ha	2.0 Acre (0.8097 Ha) Sy No: 35/1-5(p)															
9	Actual Depth of building stone in the lease area	Depth of building stone in Govt land -20mt( from top level).															

 105

	/Patta Land building stone			
10	Depth of building stone proposed to be removed		Depth of building stone proposed-10 mt (from Surface level)	
11	Annual Production Proposed (Metric Tons/ CUM) / Annum		11009 TPA	
12	Quantity of Topsoil/Overburden in cubic meter		Waste-446 tons/annum.05 years-2228 tons	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		Nil	
14	Project Cost (Rs. In Crores)		20 Lakh	
15	Environmental Sensitivity			
	a.	Nearest Forest	Nil with in 10km.	
	b.	Nearest Human Habitation	Warkanahalli -2.64 km	
	c.	Educational Institutes, Hospital	Yadir-9.69km	
	d.	Water Bodies	Maskanahalli Water pond-0.730 km.	
	e.	Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006			
17	Details of Land Use in A-G			
	a.	Area for Mining/ Quarrying	1-00	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area	0-01	
	d.	Mineral Storage Area	0-08	
	e.	Infrastructure Area	0-01	
	f.	Road Area	0-02	
	g.	Green Belt Area	--	
	h.	Others Specify Safety Zone	0-22	
		Total	2.0 Acre (0.8097Ha)	
18	Method of Mining/ Quarrying		Semi Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Own Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	6.0
			Domestic	1.5
			Other,Plantation	2.5

106

		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 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh proposal involving building stone mining in government land. The lease for this was notified in the year 2015. The proponent has stated that he has obtained NOCs from Revenue and Forest Departments.

As per the combined sketch prepared by the DMG there are no other leases, within the 500 meter radius from this lease and 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 14 meters and taking this into consideration, the committee opined that the proposed quantity of 21,164 cum or 55,025 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 5 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 250 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.1.50 lakhs towards rejuvenation of Maskanahalli pond which is at a distance of 700 meters from the lease area.

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

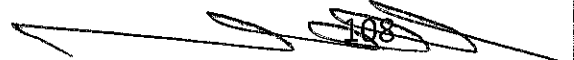
1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.

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



**229.33 Proposed Building Stone Quarry Project at Sy.No.95(P) of Haligera Village,  
Yadgir Taluk & District (1-20 Acres) By Smt. Ramalingamma (SEIAA 505  
MIN 2019)**

Sl. No	PARTICULARS	INFORMATION															
1	Name & Address of the Project Proponent	Smt. Ramalingamma W/O Maheshwarappa # 1/143, H.No.3-3-51/3, Haligera Yadgir-585321, Dist : Yadgir State :Karnataka.															
2	Name & Location of the Project	Haligera Village Yadgir Taluk , Yadgir District Karnataka.															
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Corner Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>N16°44'17.2"</td> <td>E77°12'29.7"</td> </tr> <tr> <td>2.</td> <td>N16°44'20.6"</td> <td>E77°12'29.3"</td> </tr> <tr> <td>3.</td> <td>N16°44'21.7"</td> <td>E77°12'30.6"</td> </tr> <tr> <td>4.</td> <td>N16°44'17.0"</td> <td>E77°12'31.2"</td> </tr> </tbody> </table>	Corner Point	Latitude	Longitude	1.	N16°44'17.2"	E77°12'29.7"	2.	N16°44'20.6"	E77°12'29.3"	3.	N16°44'21.7"	E77°12'30.6"	4.	N16°44'17.0"	E77°12'31.2"
		Corner Point	Latitude	Longitude													
		1.	N16°44'17.2"	E77°12'29.7"													
		2.	N16°44'20.6"	E77°12'29.3"													
3.	N16°44'21.7"	E77°12'30.6"															
4.	N16°44'17.0"	E77°12'31.2"															
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 with in ESZ/ESA	No															
8	Area in Ha	1 A-20 G (0.6072 Ha) Sy No:95(p)															
9	Actual Depth of building stone in the lease area /Patta Land building stone	Depth of building stone in Govt land -20mt( from top level).															
10	Depth of building stone proposed to be removed	Depth of building stone proposed-10 mt (from Surface level)															
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	12004 TPA															
12	Quantity of Topsoil/Over burden in cubic meter	Waste-486 tons/annum.05 years-2430 tons															
13	Mineral Waste Handled	Nil															

 108

	(Metric Tons/ CUM)/ Annum		
14	Project Cost (Rs. In Crores)	15 Lakh	
15	Environmental Sensitivity		
	a. Nearest Forest	Nil with in 10km.	
	b. Nearest Human Habitation	Haligera -1.0 km	
	c. Educational Institutes, Hospital	Yadir-06km	
	d. Water Bodies	Haligera water pond-1.0km.	
	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	0-19	
	b. Waste Dumping Area	0-02	
	c. Top Soil Storage Area	0-01	
	d. Mineral Storage Area	0-09	
	e. Infrastructure Area	0-01	
	f. Road Area	0-02	
	g. Area for future use	0-15	
	h. Others Specify Safety Zone	0-11	
	Total	1A-20 G (0.6072 Ha)	
18	Method of Mining/ Quarrying		
	Semi Mechanised Quarrying		
19	Water Requirement		
	a. Source of water	Near By Own Borwell.	
	b. Total Requirement of Water in KLD	Dust Suppuration	6.0
		Domestic	1.5
		Other, Plantation	2.5
		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 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and

 109

clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in government land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments.

As per the combined sketch prepared by the DMG there are there are no other quarry within the 500 meter lease area 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 24 meters and taking this into consideration the committee opined that the proposed quantity of 23,085 cum or 60,020 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 5 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 430 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.1.50 lakhs towards rejuvenation of Haligera pond which is at a distance of 1.0 KM from the lease area.

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

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

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

**229.34 Proposed Korlahalli Sand Mining Project at Sy.No.2, 3 & 4 of Korlahalli Village, Mundargi Taluk, Gadag District an area of 12-00 Acres) By Sri Hemagiri G Havinal (SEIAA 513 MIN 2019)**

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

The proponent was invited for the 229<sup>th</sup> meeting held on 28-8-2019 to provide required clarification. The proponent remained absent without intimation.

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

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



**229.35 Proposed Building Stone Quarry(M-Sand) in 3-00 Acre of Govt. land bearing Sy.No.116 of Gollahalli Village, Chikkaballapur Taluk and District by Sri. H.V Chikkagarigareddy(SEIAA 518 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. H.V. Chikkagarigareddy S/o. Sri Venkatanarayanappa Haristhala, Chikkapayalagurki Post Chikkaballapur Taluk & District		
2	Name & Location of the Project	Building Stone Quarry in 3-00 Acres of Govt. Land bearing Sy. No.116 of Gollahalli Village, Chikkaballapura Taluk & District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13°30'15.20"	E 77°44'32.8"
		B	N 13°30'15.00"	E 77°44'28.0"
		C	N 13°30'18.00"	E 77°44'27.8"
D	N 13°30'18.20"	E 77°44'32.5"		
4	Type of Mineral	Building Stone(M-Sand)		
5	New / Expansion / Modification / Renewal	Operating(QL. No. 110)		
6	Type of Land [ Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	3-00acres		
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	98,395 (Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		

15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,358Tons/ Annum
16	Project Cost (Rs. In Crores)	0.40
17	Environmental Sensitivity	
	a. Nearest Forest	Avalagurki Gomala S.F-2.19 Km SW Narasimhadevarabetta R.F-2.74 Km W Haristhala R.F-5.15 KM NE
	b. Nearest Human Habitation	Gollahalli -1.0Km
	c. Educational Institutes, Hospital	Chikkaballapura which is Taluk head quarter-8.0 Km
	d. Water Bodies	Kalkunte Kere-2.14 Km NE Gundlahali Kere-4.38 Km E Guvvalakamahalli Kere-1.92 Km E-SE Puradgadde Kere-4.49Km E-SE Marasanahalli Kere-2.92 Km SE Harobande Kere-4.00 Km S-SE Kavarnahalli Kere-3.06 Km S Gollahalli Kere-872 m NW Mogalakuppe Kere-898 Km N-NW Addgal Kere-6.09 KM N Avanagerehalli Kere-9.46 Km NE Goudanahali Kere-8.66 Km E-NE Krishnapura Kere-7.94 Km E-SE Katriguppe Kere-7.49 Km E-SE Andaralahalli Kere-8.29 Km S-SE Kelaginatota Kere-7.90 Km S Mailappanahalli Kere-8.62 Km S-SW Susepalya Kere-5.73 Km S-SW
	e. Other Specify	-
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Acres-Guntas	
	A Quarry working	2-13
	B Waste Dumps/Mineral storage	0-01
	c Roads/Infrastructure	0-01
	d Proposed buffer zone	0-25
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	3.40 KLD
			Domestic	0.45 KLD
			Other	2.65 KLD
			Total	6.50 KLD
23		Storm water management plan	Will be carried out.	
24		Any other information specific to the project (Specify)	None	

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 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 proposal involving building stone mining in government land. The proponent has stated that the lease for the same was granted earlier in the year 2005 and subsequently renewed in the year 2010 for the period of 10 years. Now the proponent has claimed that as per the amended KMMC rules, it stands extended upto 2025. The proponent has stated that the forest department, Revenue department and Mines and Geology department have made joint inspection in the year 2005 and 2010. As per the audit report prepared by the DMG, the mining has been carried out from 2005-06 to 2013-14 and the total quantity mined as per audit report is 25,770 tons.

The proponent has stated that his quarry lease has been granted in the year 2005 itself his lease is exempted from cluster effect but as per the stipulation he has agreed to prepare the combined EMP.

As per the quarry plan approved by DMG there is a level difference of 55 meters and taking this into consideration the committee opined that the proposed quantity of 1,88,724 cum or 4,98,767 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 5 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 400 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.10.00 lakhs towards rejuvenation of Gollahalli kere which is at a distance of 870 meters from the lease area.

  
113

The committee after discussion decided to reconsider after submission of combined EMP.

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

**229.36 Proposed Black Granite Quarry in 1-03 Acres of Patta land bearing Sy.No289/3(P) in Harve village, Chamarajanagara Taluk & District by Smt. Zareen Taj(SEIAA 521MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Smt. Zareen Taj</b> W/o Abdul Azeez Behind Pete Primary School, K P Mohalla Chamarajanagara Town and District Karnataka.		
2	Name & Location of the Project	Black Granite Quarry in 1-03 Acres of Patta Land bearing Sy. No. 289/3 (P) in Harve Village, Chamarajanagara Taluk & District, Karnataka		
3	Co-ordinates of the Project Site	C.P	Latitude	Longitude
		A	N11°55'39.0"	E76°48'26.11"
		B	N11°55'36.8"	E76°48'26.4"
		C	N11°55'36.5"	E76°48'24.2"
	D	N11°55'39.0"	E76°48'24.4"	
4	Type of Mineral	Black Granite		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.41		
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	NA		

 114

	ongoing/ expansion/ modification of mining proposals other than river sand	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	818 Cum/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1000.6 Cum/ Annum
16	Project Cost (Rs. In Crores)	0.10
17	Environmental Sensitivity	
	a. Nearest Forest	None within 5 Km Radial Distance
	b. Nearest Human Habitation	Harve- 1.5 Km
	c. Educational Institutes, Hospital	Chamarajanagara - 20 Km
	d. Water Bodies	Nanjidevanapura kere-4.5 Km E-SE Tammadahalli Kere-3.96 Km S-SE Kerehalli Kere-6.25 Km N Bendaravadi kere-8.4 Km N-NE Heggotara Kere-7.16 Km NE Kalanahundi Kere-6.5 Km E Viranapura Kere -5.3 Km E-SE KUmachahalli Kere-5.25 Km S-SW Halepura Kere -9.5 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	0.23 Acres
	b. Waste Dumping Area	0.04
	c. Top Soil Storage Area	-
	d. Mineral Storage Area	-
	e. Infrastructure Area	-
	f. Road Area	0-01
	g. Green Belt Area	0-15
	h. Unexplored area	-
	i. Others Specify	-
20	Method of Mining/ Quarrying	Opencast Semi-mechanized
21	Rate of Replenishment in case River sand project	NA
22	Water Requirement	
	a. Source of water	Nearby Borewell Water
	b. Total Requirement of Water	Dust 3.6 KLD

	in KLD	Suppression	
		Domestic	0.42 KLD
		Other	0.5 KLD
		Total	4.5 KLD
23	Storm water management plan	Will be carried out.	
24	Any other information specific to the project (Specify)	None	

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal involving ornamental stone mining in patta land. The lease for which was granted during the year 2007 and as per the audit report the mining activity has been carried out upto 2011 and total quantity mined is 636.152 cum and no mining has been carried out since then till date. The proponent has stated that he has obtained NoC from forest department and also obtained land conversion order.

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 already mined 636.152 cum committee felt that the proposed quantity of 9096 cum out of which 45% i.e., 4092 cum is recovery and 55% i.e., 5004 cum is waste and proponent has stated that he will handle the waste within the lease area by depositing damaged or waste larger blocks in the buffer zone which acts also as fencing.

The proponent has stated that there is a existing cart track road to a length of 70 meters connecting the lease area to all weather black topped road.

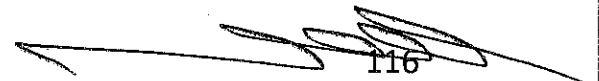
As far as CER is concerned, the proponent has earmarked Rs.3.00 lakhs towards rejuvenation of Tammadahalli kere which is at a distance of 3.90 KMs from the lease area.

The committee also imposed the following conditions:

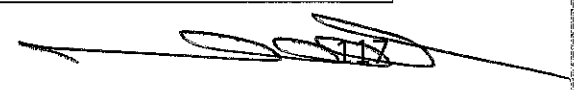
1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.

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

229.37 Proposed Building Stone Quarry Project at Sy.No.96/A of Sambapur Village, Gadag Taluk & District (12-00 Acres) By M/s. BSPL-KNRCL(JV) (SEIAA 523 MIN 2019)

  
116

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	M/s BSPL-KNRCL(JV) R No-3.54, Koliwad Road, Annigeri Village, Navalagunda Taluk, Dharwad District, Karnataka.																		
2	Name & Location of the Project	"Building Stone Quarry" M/s BSPL-KNRCL(JV) Over an extent of 12-00 Acres under (Government Land) Part of Sy No: 96/ASambapur Village, Gadag Taluk Gadag District, Karnataka.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>SL.No</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 15° 21' 2.73"</td> <td>E 75° 41' 7.32"</td> </tr> <tr> <td>B</td> <td>N 15° 21' 12.07"</td> <td>E 75° 41' 9.41"</td> </tr> <tr> <td>C</td> <td>N 15° 21' 12.11"</td> <td>E 75° 41' 4.01"</td> </tr> <tr> <td>D</td> <td>N 15° 21' 3.49"</td> <td>E 75° 41' 0.99"</td> </tr> <tr> <td colspan="3" style="text-align: center;">WGS - 84 DATUM</td> </tr> </tbody> </table>	SL.No	Latitude	Longitude	A	N 15° 21' 2.73"	E 75° 41' 7.32"	B	N 15° 21' 12.07"	E 75° 41' 9.41"	C	N 15° 21' 12.11"	E 75° 41' 4.01"	D	N 15° 21' 3.49"	E 75° 41' 0.99"	WGS - 84 DATUM		
SL.No	Latitude	Longitude																		
A	N 15° 21' 2.73"	E 75° 41' 7.32"																		
B	N 15° 21' 12.07"	E 75° 41' 9.41"																		
C	N 15° 21' 12.11"	E 75° 41' 4.01"																		
D	N 15° 21' 3.49"	E 75° 41' 0.99"																		
WGS - 84 DATUM																				
4	Type of Mineral	<b>Building Stone Quarry</b>																		
5	New / Expansion / Modification / Renewal	New																		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land																		
7	Whether the project site fall within ESZ/ESA	No																		
8	Area in Ha	4.856Ha																		
9	Actual Depth of sand in the lease area in case of River sand	NA																		
10	Depth of Sand proposed to be removed	NA																		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry																		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA																		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	4,00,000Tons/ annum																		
14	Quantity of Topsoil/Over burden	There is 1m topsoil Available in this area.																		



	in cubic meter			
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		21,053 Tons	
16	Project Cost (Rs. In Crores)		0.90crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Papnash Reserved Forest - 0.34 (S) Sngatarayanakeri Reserved Forest - 0.53 Kms (SE)	
	b.	Nearest Human Habitation	Papanashi - 1.80 kms (NW)	
	c.	Educational Institutes, Hospital	Gadag - 10.88 kms (NW)	
	d.	Water Bodies	Shingatarayanakeri - 0.34 Kms (E) Shirur Lake - 8.48 Kms (NE)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	10-04	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area	0-03	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/Buffer Zone	1-29	
	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 : Tanker Supply Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.0 KLD
			Domestic	1.5 KLD
			Other	1.3 KLD
			Total	12.8KLD
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 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. At the out set, committee noted that the location of this lease in Gadag Taluk and the distance from the lease area to the boundary of recently notified Kapathgudda Wild life Sanctuary has to be ascertained before proceeding with the appraisal. The proponent has stated that as per the notification issued in this regard, the northern tip of the Kapathgudda wild life sanctuary is 12.30 KM from the lease boundary and in support of which proponent has furnished the Notification in which the list of the villages along with the Sy. Nos covered under Kapathgudda Block-1 has been furnished and toposheet map indicating a distance of 12.3 KM between the lease area and Kapathgudda block-1 forest area.

The committee noted that this is a fresh proposal involving building stone mining in government land. The lease for this was notified in the year 2019. The proponent has stated that he has obtained NOCs from Revenue and Forest Departments.

As per the combined sketch prepared by the DMG there are no other leases, within the 500 meter radius from this lease and 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 18 meters and taking this into consideration, the committee opined that the proposed quantity of 4,51,000 cum or 12,00,000 tons can be mined safely and scientifically for a plan period of three 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 215 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.25.00 lakhs towards rejuvenation of Lakundi pond which is at a distance of 4.8 KM from the lease area.

As per the records this quarry lease has been granted to utilize the material for the widening of Hubli-Hospet Section of NH-63. During appraisal proponent has submitted a request letter stating that the proponent's name has been inadvertently mentioned as BSPL-KNRCL(JV) instead of BSCPL-KNRCL(JV) and requested to issue EC in favour of BSCPL-KNRCL(JV).



The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with a condition that the proponent shall submit a certificate regarding the exact distance from the Kappathgudda Wild life Sanctuary to the lease area by the competent authority.

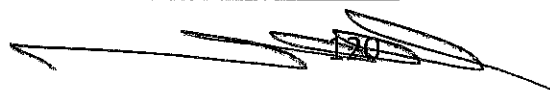
The committee also imposed the following conditions:

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

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

**229.38** Proposed Black Granite Quarry Project at Sy.No.257/2 of Arakalavadi Village, Chamarajanagara Taluk & District (2-00 Acres) By Sri Suresh (SEIAA 524 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	<b>Sri. Suresh</b> S/o Sri. Srikantanayka No.787, Ramasamudra Div-6 Chamarajanagara Town Chamarajanagara Dist, Karnataka		
2	Name & Location of the Project	Black Granite Quarry in 2-00 Acres of Patta. Land bearing Sy.No.257/2 of Arakalavadi Village Chamarajanagara Taluk & District, Karnataka.		
3	Co-ordinates of the Project Site	C.P	Latitude	Longitude
		A	N 11°47'17.7"	E 76°51'58.7"
		B	N 11°47'15.6"	E 76°51'57.9"
		C	N 11°47'14.5"	E 76°52'01.6"
		D	N 11°47'16.6"	E 76°52'02.4"
4	Type of Mineral	Black Granite		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [ Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.809		
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	2,120Cum/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3,180Cum/ Annum
16	Project Cost (Rs. In Crore )	0.42
17	Environmental Sensitivity	
	a. Nearest Forest	Bisalavadi Reserve Forest -6.0 Km Vaddarahalli Deemed Forest - 4.6 Km Akkurjona R.F-8.57 Km SE Heggavadi R.F-6.92 Km S-SE
	b. Nearest Human Habitation	Linganapura -550m
	c. Educational Institutes, Hospital	Chamarajanagara Railway station-17.0 Km
	d. Water Bodies	Vadalpura Kere-2.38 Km NE Arakalavadai Kere-1.43 Km S Melur Kere-2.3 Km W-SW Narasamangala Kere-1.95 Km NW Bokkapura Kere-2.96 Km N-NW Bommanahalli Kere-7.06 Km S-SW Kilgere Kere-5.36 Km SW Terakanambi Kere-7.89 Km W-NW
	e. Other Specify	BRT Tiger Sanctuary-16.3Km
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Acres	
	a. Quarry O0peration	0.222
	b. 7.5m Buffer Zone	0.257
	c. Dump Yard	0.194
	d. Unexplored Area	0.136
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	2.70 KLD
		Domestic	1.15 KLD
		Other	2.65 KLD
		Total	6.50 KLD
23	Storm water management plan	Will be carried out.	
24	Any other information specific to the project (Specify)	None	

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. As per the quarry plan the quantity already mined has been arrived at based on the quarry pit dimension and based on this there is not much mineral is available for further mining for which the proponent has stated that he will come back with the correct figures. Hence the committee decided to defer.

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

**229.39 Proposed Sand Mining Project - Block-1 at Sy.Nos.131, 132, 135, 136 & 137 in Nagarahalli Village, Mundargi Taluk, Gadag District (12-00 Acres) By Sri Hemagirish G Havinal (SEIAA 525 MIN 2019)**

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

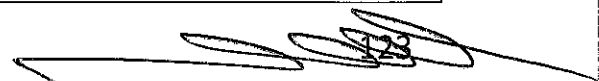
The proponent was invited for the 229<sup>th</sup> meeting held on 28-8-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

**229.40 Proposed Building Stone Quarry Project at Sy.No.570/1 of Koliwad Village, Hubballi Taluk, Dharwad District (5-00 Acres) By Sri Deepak M. Patil (SEIAA 526 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Shri. Deepak. M. Patil S/o. M. R. Patil, Hulakote Village & Post Gadag Taluk, Gadag District.		
2	Name & Location of the Project	"Building Stone Quarry" of Shri. Deepak. M. Patil Sy No. 570/1, Koliwad Village, Hubballi Taluk, Dharwad District, Karnataka		
3	Co-ordinates of the Project Site	Corner Pillar	Latitude	Longitude
		A	N 15° 21' 28.20"	E 75° 26' 50.62"
		B	N 15° 21' 28.50"	E 75° 26' 54.60"
		C	N 15° 21' 24.18"	E 75° 26' 54.91"
		D	N 15° 21' 23.65"	E 75° 26' 50.08"
		WGS-84 DATUM		
4	Type of Mineral	<b>Building Stones</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	2.023Ha		
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	590m Existing pit level		



	of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,50,000 Tons/ annum	
14	Quantity of Topsoil/Over burden in cubic meter	There is No topsoil Available in this area.	
15	Mineral Waste Handled (Metric Tons/ CUM)	18,421Tons/ annum	
16	Project Cost (Rs. In Crores)	0.77crores	
17	Environmental Sensitivity		
	a. Nearest Forest	No Forest within 5 Kms	
	b. Nearest Human Habitation	Koliwad - 3.15 kms (SW)	
	c. Educational Institutes, Hospital	Hubballi - 34.8 kms (W)	
	d. Water Bodies	Bentur Pond - 2.0 kms (NE) HalageriHalla - 2.10 kms(SW)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	--	
19	Details of Land Use in Hectares		
	a. Area for Mining/ Quarrying	3-29	
	b. Waste Dumping Area	0-03	
	c. Top Soil Storage Area	0-06	
	d. Mineral Storage Area		
	e. Infrastructure Area		
	f. Road Area	0-02	
	g. Green Belt Area/Buffer Zone	1-00	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water in KLD	Dust Suppression	9.09 KLD
		Domestic	1.21 KLD
		Other	0.80 KLD
		Total	11.1 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

124

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 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also obtained land conversion order. The lease has been notified on 8-5-2019.

As seen from the quarry plan there is a level difference of 2 meters within the mining area and taking this into consideration the committee opined that 60% of the proposed quantity of 6,57,000 cum or 17,50,000 tons can be mined safely and scientifically to a quarry pit depth of 20 meters for a plan period of five years.

As per the cluster sketch approved by DMG there are no other leases within the 500 meter radius, the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

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

As far as CER is concerned the proponent has stated, that he will earmark Rs.20.00 lakhs to take up rejuvenation of Bentur Pond which is at a distance of 2.0 KM from the lease area.

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

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

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

**229.41** Proposed amalgamated Building Stone Quarry Project at Sy.No.36(P) of Gantganahalli Village & 16(P) of Kithnamangala Chatrubhaga Village, Kunigal Taluk, Tumkur District (10-00 Acres) By M/s. Dhanashree Stone Crusher (SEIAA 527 MIN 2019)

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

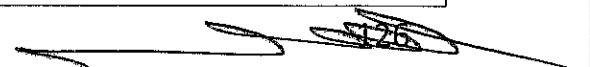
The proponent was invited for the 229<sup>th</sup> meeting held on 28-8-2019 to provide required clarification. The proponent remained absent without intimation.

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

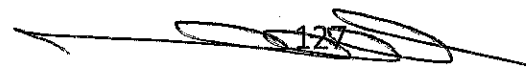
**Action:** Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

**229.42 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & District (5-00 Acres) By M/s. Mahadeshwara Building Stone Suppliers (SEIAA 528 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. S. Palaniswamy (Managing Partner) M/s.Mahadeshwara Building Stone Suppliers # 7, Vidyanagar Cross, Bettahalasuru Post, Bangalore-562157, Karnataka.		
2	Name & Location of the Project	"Building Stone Quarry" of Sri. S. Palaniswamy Sy No. 43, Chikkanagavalli village, Chikkaballapura Taluk & District, Karnataka.		
3	Co-ordinates of the Project Site	Corner Pillar	Latitude	Longitude
		A	N 13° 36' 24.3"	E 77° 45' 34.8"
		B	N 13° 36' 21.3"	E 77° 45' 40.7"
		C	N 13° 36' 18.4"	E 77° 45' 39.1"
		D	N 13° 36' 21.4"	E 77° 45' 31.1"
		MAP DATUM –WGS 84		
4	Type of Project	<b>Building Stone</b>		
5	New / Expansion / Modification / Renewal	Renewal (QL No. 189)		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land		
7	Whether the project site fall within ESZ/ESA	No		



8	Area in Ha	2.023 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed in case of River sand	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Existing pit level-893.0 msl
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,50,000Tonnes per Annum
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	13,158Tonnes per Annum
16	Project Cost (Rs. In Crores)	1.75crores
17	Environmental Sensitivity	
	a. Nearest Forest	Harisala Reserved Forest - 3.65 Kms(SE)
	b. Nearest Human Habitation	Chikkanagavalli village-0.52 Kms(SE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chickballapura - 17.80 Km(S)
	d. Water Bodies	Nandanaganahalli kere - 2.95 Kms (SE) Adhegarahalli Pond - 1.05 Kms(SE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	3-20
	b. Waste Dumping Area	0-02
	c. Top Soil yard	
	d. Mineral Storage Area	0-02
	e. Infrastructure Area	
	f. Road Area	0-02
	g. Green Belt Area	1-14
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method

 127

21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.5 KLD
			Domestic	1.5 KLD
			Other	1.5 KLD
			Total	12.5 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this lease was granted earlier during the year 2006 and renewed in 2011 and as per amendment to KMMC rules the lease period is deemed to be extended till 2026. As seen from the extended combined sketch there are 82 leases which form a cluster. The proponent has stated that all these leases have been granted either earlier to 9-9-2013 or EC issued prior to 15-1-2016 and based on this the proponent has claimed exemption from the cluster effect for all these leases including this lease. As per the audit report furnished by the DMG the proponent has carried out the mining operations from 2006-07 to 2014-2015 i.e., before 13-1-2015, the cut of date stipulated. The total quantities mined in this period as per the audit report is 40,500 tons. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments.

As per the quarry plan approved by DMG there is a level difference of 34 meters and taking this into consideration and also the fact that the proponent has already mined 40,500 tons, the committee opined that 75% of the proposed quantity of 4,69,992 cum or 12,50,000 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 20 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 an existing cart track road to a length of 420 meters connecting the lease area to all weather black topped road.



As far as CER is concerned, the proponent has earmarked Rs.20.00 lakhs towards rejuvenation of Peresandra kere which is at a distance of 2.50 KM from the lease area.

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

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

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

**229.43 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & District (Q.L.No.161) (2-03 Acres) By Sri S.N. Ramachandra (SEIAA 529 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	Sri S.N. Ramachandra, S/o S. Narayanappa, #11, Sonnappanahalli Village, Bangalore North Taluk, Bangalore District, Karnataka.	
2	Name & Location of the Project	"Building Stone Quarry" of Sri S.N. Ramachandra, In part of Sy No. 43, Chikkanagavalli village, Chikkaballapura Taluk & District, Karnataka.	
3	Co-ordinates of the Project Site	Latitude	Longitude
		N 13° 36' 22.0"	E 77° 45' 35.0"
		N 13° 36' 22.6"	E 77° 45' 33.3"
		N 13° 36' 26.8"	E 77° 45' 35.2"
		N 13° 36' 26.1"	E 77° 45' 36.9"
4	Type of Project	<b>Building Stone</b>	
5	New / Expansion / Modification / Renewal	Renewal (QL No.161)	
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land	
7	Whether the project site fall within ESZ/ESA	No	
8	Area in Ha	0.839 Ha	

 129

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	906.9 MSL (Existing Pit Level)
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,03,750Tonnes per Annum
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	5,461Tonnes per Annum
16	Project Cost (Rs. In Crores)	1.11crores
17	Environmental Sensitivity	
	a. Nearest Forest	Harisala Reserved Forest - 3.75 Kms(SE)
	b. Nearest Human Habitation	Chikkanagavalli village-0.60 Kms(SE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapur -18.20 Kms (S)
	d. Water Bodies	Adhegarahalli pond- 1.00 Km (S) Peerasandra Lake - 2.70 kms(SE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-27
	b. Waste Dumping Area	0-01
	c. Top Soil yard	
	d. Mineral Storage Area	0-03
	e. Infrastructure Area	
	f. Road Area	0-01
	g. Green Belt Area	0-11
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method
21	Rate of Replenishment in case	NA

	River sand project			
22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.0 KLD
			Domestic	0.9 KLD
			Other	0.7 KLD
			Total	10.6 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. As seen from the records some discrepancies were found in the land use plan and mining plan for which the proponent has stated that he will come back after rectifying this discrepancies. Hence the committee after discussion decided to defer the subject.

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

**229.44 Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli Village, Clikkaballapura Taluk & District (Q.L.No.203) (1-25 Acres) By Sri Hanumantappa (SEIAA 530 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Hanumantappa, Hirenagavalli Village (Post), Chikkaballapura Taluk & District, Karnataka-562101
2	Name & Location of the Project	"Building Stone Quarry" of Sri Hanumantappa Part of Sy No. 43, Chikkanagavalli village, Chikkaballapura Taluk & District, Karnataka.

3	Co-ordinates of the Project Site	Corner Pillar	Latitude	Longitude
		A	N 13° 36' 14.1"	E 77° 45' 53.4"
		B	N 13° 36' 20.2"	E 77° 45' 54.0"
		C	N 13° 36' 22.7"	E 77° 45' 54.2"
		D	N 13° 36' 22.7"	E 77° 45' 56.7"
		E	N 13° 36' 20.4"	E 77° 45' 55.8"
		F	N 13° 36' 20.1"	E 77° 45' 54.9"
		G	N 13° 36' 18.9"	E 77° 45' 54.2"
		H	N 13° 36' 17.4"	E 77° 45' 54.6"
		I	N 13° 36' 17.30"	E 77° 45' 53.90"
MAP DATUM - WGS -84				
4	Type of Project	<b>Building Stone</b>		
5	New / Expansion / Modification / Renewal	Existing (QL No. 203)		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.657 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	Building Stone Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	902.3 MSL (Exiting pit Level)		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	60,000TPA		
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3,158 TPA of Waste		
16	Project Cost (Rs. In Crores)	0.82 crores		
17	Environmental Sensitivity			

	a.	Nearest Forest	Haristala Reserved Forest- 3.40 Km(SE)	
	b.	Nearest Human Habitation	Chikkanagavalli village- 1.35 km (SW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chickballapur - 38.3 Kms (SW).	
	d.	Water Bodies	Adhegarahalli pond- 1.05 Km (S) Peerasandra Lake - 2.20 kms(SE)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		NA	
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-06	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil yard		
	d.	Mineral Storage Area	0-03	
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area	0-12	
	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	7.95KLD
			Domestic	1.20 KLD
			Other	1.55 KLD
			Total	10.7 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 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

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



noted that this lease was granted earlier during the year 2011 and valid up to 2016 and as per amendment to KMMC rules the lease period is deemed to be extended till 2031. As seen from the extended combined sketch there are 82 leases which form a cluster. The proponent has stated that all these leases have been granted either earlier to 9-9-2013 or EC issued prior to 15-1-2016 and based on this the proponent has claimed exemption from the cluster effect for all these leases including this lease. As per the audit report furnished by the DMG the proponent has carried out the mining operations from 2013-14 to 2014-2015. The total quantities mined in this period as per the audit report is 11,000 tons. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments.

As per the quarry plan approved by DMG there is a level difference of 28 meters and taking this into consideration and also the fact that the proponent has already mined 11,000 tons, the committee opined that 80% of the proposed quantity of 1,12,781 cum or 3,00,000 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 15 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 an existing cart track road to a length of 200 meters connecting the lease area to all weather white topped road formed by the local quarry owner and proceeds further to a length of 850 meters to join MDR.

As far as CER is concerned, the proponent has earmarked Rs.6.00 lakhs towards rejuvenation of Peresandra kere which is at a distance of 2.20 KM from the lease area.

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

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

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

**229.45 Proposed Building Stone Quarry Project at Sy.No.491/3 of Meundi Village, Mundargi Taluk, Gadag District (1-00 Acre) By Sri Jagadish G. Harugeri (SEIAA 531 MIN 2019)**

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

The proponent was invited for the 229<sup>th</sup> meeting held on 28-8-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

**229.46** Proposed Building Stone Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk & District (Q.L.No.162) (2-30 Acres) By M/s. Abhinandan Stone Crusher (SEIAA 532 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s. Abhinandan Stone Crusher, Sri. S. N. Srinivas, S/o S. Narayanappa, #11, Sonnappanahalli Village, Bengaluru North Taluk, Bengaluru District		
2	Name & Location of the Project	"Building Stone Quarry" of M/s. Abhinandan Stone Crusher, Sy No. 43, Chikkanagavalli village, Chikkaballapura Taluk, Chikkaballapura District, Karnataka.		
3	Co-ordinates of the Project Site	Corner Pillar	Latitude	Longitude
		A	N 13° 36' 17.8"	E 77° 45' 34.2"
		B	N 13° 36' 19.9"	E 77° 45' 31.2"
		C	N 13° 36' 22.9"	E 77° 45' 32.3"
		D	N 13° 36' 22.6"	E 77° 45' 33.3"
		E	N 13° 36' 22.1"	E 77° 45' 33.2"
F	N 13° 36' 21.2"	E 77° 45' 35.6"		
4	Type of Project	<b>Building Stone</b>		
5	New / Expansion / Modification / Renewal	Renewal		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.112 Ha		
9	Actual Depth of sand in the lease	NA		

	area in case of River sand	
10	Depth of Sand proposed to be removed in case of River sand	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Existing pit level- 867.1 msl
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,37,500TPA
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	7,237TPA
16	Project Cost (Rs. In Crores)	1.01crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest - 3.70 Kms (S)
	b. Nearest Human Habitation	Chikkanagavalli village- 0.45 Kms(S)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande -9.20 Kms (NW)
	d. Water Bodies	Peresandra Lake - 2.70 Kms (SE) Varlakonda kere - 3.80 Kms(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	1-38
	b. Waste Dumping Area	0-02
	c. Top Soil yard	
	d. Mineral Storage Area	0-03
	e. Infrastructure Area	
	f. Road Area	0-02
	g. Green Belt Area	0-25
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method
21	Rate of Replenishment in case River sand project	NA



22	Water Requirement			
	a.	Source of water	Borewell from the village	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.53 KLD
			Domestic	1.22 KLD
			Other	1.55 KLD
			Total	13.3 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 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. As stated by the proponent he has made out an application during the year 2015 to SEIAA. SEIAA categorized this project under B1 category and issued ToRs. Subsequently as per Notification issued by MoEF & CC the leases which were granted prior to 9-9-2013 were exempted from cluster effect. Taking advantage of this proponent made out an application to DEIAA under category B2 and further process of appraisal was not taken forward. Now the proponent has made out fresh application to SEIAA.

As per the records lease for the same was granted in 2006 and the proponent has carried out mining from 2006-07 to 2014-15. The total quantity mined as per the audit report furnished by DMG 43,600 tons i.e., before 12-7-2015 when minor minerals were brought under the EC domain.

The committee noted that this lease was granted earlier during the year 2006 and renewed in 2011 and as per amendment to KMMC rules the lease period is deemed to be extended till 2026. As seen from the extended combined sketch there are 82 leases which form a cluster. The proponent has stated that all these leases have been granted either earlier to 9-9-2013 or EC issued prior to 15-1-2016 and based on this the proponent has claimed exemption from the cluster effect for all these leases including this lease. As per the audit report furnished by the DMG the proponent has carried out the mining operations from 2006-07 to 2014-2015 i.e., before 13-1-2015, the cut of date stipulated. The total quantities mined in this period as per the audit report is 43,600 tons. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments.

As per the quarry plan approved by DMG there is a level difference of 30 meters and taking this into consideration and also the fact that the proponent has already mined 43,600 tons, the committee opined that 80% of the proposed quantity of 2,58,458 cum or 6,87,500 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 20 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 an existing cart track road to a length of 348 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.10.00 lakhs towards rejuvenation of Peresandra kere which is at a distance of 2.60 KM from the lease area.

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

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

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

**229.47** Proposed Building Stone Quarry Project at Sy.No.17 of Gopuradahalli Village, Gudibande Taluk, Chikkaballapura District (Q.L.No.116) (5-00 Acres) By Sri V.M. Narasimha Reddy (SEIAA 533 MIN 2019)

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

The proponent was invited for the 229<sup>th</sup> meeting held on 28-8-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

**229.48** Proposed Murram Quarry Project at Sy.No.122/A of Aladahalli Village, Ballari Taluk, Ballari District (5-00 Acres) By Sri H.R. Shivashankar (SEIAA 534 MIN 2019)

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

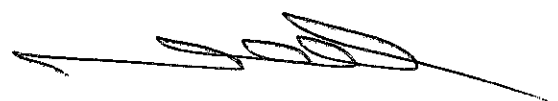
1	Name & Address of the Project Proponent	<b>Sri. H. R. Shivashankar</b> S/o H. Rudrappa N. Prathap Reddy Nagar, Halakundi Post, Ballari District, Karnataka State.
2	Name & Location of the Project	Murram Quarry of Sri. H. R. Shivashankar. over an extent of 5.00 Acres located in Survey No. 122/A in Aladahalli Village, Ballari Taluk & District, Karnataka.
3	Co-ordinates of the Project Site	BP-1 N 15°06'33.88338" & E 76°50'38.72767" BP-2 N 15°06'33.99659" & E 76°50'42.59514" BP-3 N 15°06'28.04625" & E 76°50'39.13186" BP-4 N 15°06'27.93881" & E 76°50'35.47327"
4	Type of Mineral	Murram
5	New / Expansion / Modification / Renewal	New
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	2.02
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	-
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	Max 104,738 tonnes per annum.
14	Quantity of Topsoil/Over burden in cubic meter	-
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	-
16	Project Cost (Rs. In Crores)	0.21
17	Environmental Sensitivity	
	a. Nearest Forest	Ballari Reserved Forest is located at 2.0km towards South from the quarry lease area.
	b. Nearest Human Habitation	Belgallu Tanda - 1.0 km
	c. Educational Institutes, Hospital	Primary Schools are located at Aladahalli Village. The hospitals, colleges, places of worship

			community facilities etc., are located at Ballari town which is at a distance of 11kms by road from the lease area.	
	d.	Water Bodies	There are two water bodies Allipur kere & Tungabhadra High Level canal located at distance of 4.65km N & 4.67km NE from the quarry lease area.	
	e.	Other Specify	-	
18	Applicability of General Condition of the EIA Notification, 2006		No	
19	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	1.57	
	b.	Waste Dumping Area	-	
	c.	Top Soil Storage Area	-	
	d.	Mineral Storage Area	-	
	e.	Infrastructure Area	-	
	f.	Road Area	0.004	
	g.	Green Belt Area	0.44	
	h.	Unexplored area	-	
	i.	Others Specify	-	
20	Method of Mining/ Quarrying		Open Cast - Semi Mechanised Quarry method	
21	Rate of Replenishment in case River sand project		-	
22	Water Requirement			
	a.	Source of water	Ground water	
	b.	Total Requirement of Water in KLD	Dust Suppression	20
			Domestic	1
			Other	3
			Total	24
23	Storm water management plan		-	
24	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 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving mining of murrum in government land. The proponent has stated that he has obtained the lease notified based on the relief he got from the Hon'ble court.



As per the combined sketch prepared by the DMG there are no other quarry within the 500 meter lease area 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 11 meters and taking this into consideration the committee opined that the proposed quantity of 2,56,000 cum or 3,84,000 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 15 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 424 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.7.50 lakhs towards rejuvenation of Belagallu thanda pond which is at a distance of 700 meters from the lease area.

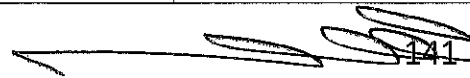
The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

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

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

**229.49 Proposed Building Stone Quarry Project at Sy.No.170/A of Kukkanapalli Village, Koppal Taluk & District (3-00 Acres) By Sri Amaresh Karadi (SEIAA 535 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Amaresh Karadi No.54/63, Taleda Layout DC Office Layout, Koppal, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 3-00 Acres Govt.Land of in Sy. No. 170/A of Kukkanapalli Village, Koppal Taluk & District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 15°27'07.1"	E 76°16'36.8"
		B	N 15°27'07.6"	E 76°16'39.0"

 141

		C	N 15°27'02.7"	E 76°16'39.9"
		D	N 15°27'02.2"	E 76°16'37.4"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New / Existing		
6	Type of Land [ Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	3-00 acres		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	50,084(Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,022 (Avg.) Tons/Annum		
16	Project Cost (Rs. In Crores)	0.50		
17	Environmental Sensitivity			
	a.	Nearest Forest	None with in 5 Kms	
	b.	Nearest Human Habitation	Kukkanapalli-2.0 Kms	
	c.	Educational Institutes, Hospital	Koppal City which is District head quarter-17.00Km	
	d.	Water Bodies	None with in 5 Kms	
	e.	Other Specify	None	
18	Applicability of General Condition of the EIA Notification, 2006		None	
19	Details of Land Use in Hectares			
	a.	Area under Mining	0.858	
	b.	Buffer Zone	0.325	

	c.	Roads	0.030	
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	1.00 KLD
			Domestic	0.80 KLD
			Other	1.20 KLD
			Total	3.00 KLD
23		Storm water management plan	Will be carried out.	
24		Any other information specific to the project (Specify)	None	

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

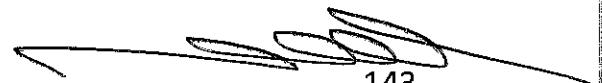
The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal involving building stone mining in government land. The lease for this was granted during 2010 for a period of five years and the notification for renewal has been issued in 2016 and also subsequently to KMMC rules, the lease period deemed get extended to 2030. 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 there are no other quarry within the 500 meter lease area 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 13 meters and taking this into consideration the committee opined that the proposed quantity of 98,280 cum or 2,55,529 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 280 meters connecting the lease area to all weather black topped road.



As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs towards rejuvenation of Tavaregere kere which is at a distance of 4.00 KM from the lease area.

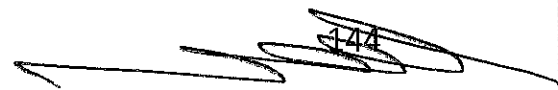
The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

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

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

**229.50** Proposed Building Stone Quarry Project at Sy.No.23 of Gollahalli Village, Kolar Taluk & District (Q.L.No.991) (7-00 Acres) By Smt. M. Sunitha Kumari (SEIAA 536 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Smt. M. Sunitha Kumari C/o K.S. Mahadevarayya No.930, Vinya Marga Siddhartha Nagara Mysore, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 7-00 Acres of Govt. Land bearing Sy. No.23 of Gollahalli Village, Kolar Taluk & District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		P	13°08'19.11" N	78°01'05.33" E
		Q	13°08'23.41" N	78°01'08.37" E
		R	13°08'21.54" N	78°01'01.76" E
		S	13°08'29.04" N	78°01'07.17" E
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	Renewal QL. No. KL-991		
6	Type of Land [ Forest, Government Revenue, Gómala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	7-00 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	NA		

 444



	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	1,30,031 (Avg.) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	6,844 Tons/ Annum
16	Project Cost (Rs. In Crores)	0.80
17	Environmental Sensitivity	
	a. Nearest Forest	Kendatti S,F-1.9 Km E Lakshmisagara State Plantation- 3.75 KM S-SW Antharaganga R.F-4.35 Km W
	b. Nearest Human Habitation	Gollahalli-1.30Km
	c. Educational Institutes, Hospital	Kolar-13.0 Km
	d. Water Bodies	Dod Vallabi Kere-2.4 Km NW Garudapalya Kere-1.1Km N Bettahosapura Kere-2.5 Km N-NW Narasapura Kere-1.75 Km W-SW Sappannahali Kere-2.75 KM E-NE Kalva Manjalai Kere-3.25 Km N-NW Udduppanahalli Kere-3.75 Km W-SW Somabudi Amani Kere-8 Km NE Bharasandra Kere-3 KM W
	e. Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006	None
19	Details of Land Use in Hectares	
	a. Quarry working Area	2.159
	b. Dump Yard	0.137
	c. Buffer Zone	0.536
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	5.40KLD
			Domestic	2.35 KLD
			Other	2.75 KLD
			Total	10.50 KLD
23	Storm water management plan		Will be carried out.	
24	Any other information specific to the project (Specify)		None	

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

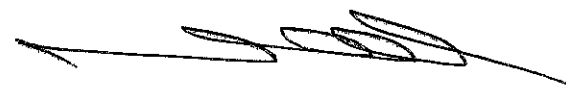
The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this proposal is for mining building stone in government land. The proponent has stated that the lease has been granted during the year 2011 for five years and the lease period gets extended upto 2031 as per the amendment to KMMC rules. As per the audit report furnished by DMG no mining activity has been carried out right from 2011 to till date. 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 lease area 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 12 meters and taking this into consideration the committee opined that the proposed quantity of 2,63,221 cum or 6,84,376 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 600 meters connecting the lease area to all weather black topped road.



As far as CER is concerned, the proponent has earmarked Rs.15.00 lakhs to take up soil and water conservation measure and plantation in the adjacent kurki forest area in consultation with DFO, Kolar.

The committee after discussion decided to recommend the proposal for issue of Environment clearance subject to following condition.

- 1) The buffer on the forest side has to be increased from 7.5 meters to 15 meters and take up fire resistant species viz., Agave and other species.
- 2) Before taking up quarry activities the proponent should consult local forest authorities regarding demarcation of the exact forest boundary since quarry site is just adjacent to the forest as per NoC issued by DCF, Kolar.
- 3) The mining plan has to be got revised in incorporating 15 meter buffer zone on the forest side.
- 4) Strict forest fire preventing measures should be taken during summer, if needed necessary personnel to be deployed to prevent accidental fire.

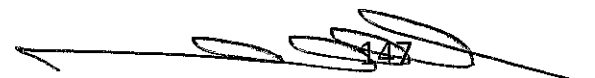
The committee also imposed the following conditions:

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

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

**229.51** Proposed Building Stone Quarry Project at Sy.No.03 of Thirumaladeverahalli Village, Bagepalli Taluk, Chikkaballapura District (4-10 Acres) By Sri K. Ranga Reddy (SEIAA 538 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																		
1	Name & Address of the Project Proponent	Sri. K. Rangareddy, S/o V Keshavareddy, Varadeyengarapalli Village, MittemariPost,Bagepalli Taluk, Chikkaballapura District. Karnataka.																		
2	Name & Location of the Project	"Building Stone Quarry" Sy No: 03, Thirumaladeverahalli Village, Bagepalli Taluk, Chikkabalapur District, Karnataka.																		
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Corner Pillar</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N 13° 40' 54.5"</td> <td>E 77° 55' 52.6"</td> </tr> <tr> <td>B</td> <td>N 13° 40' 52.7"</td> <td>E 77° 55' 56.9"</td> </tr> <tr> <td>C</td> <td>N 13° 40' 48.9"</td> <td>E 77° 55' 55.9"</td> </tr> <tr> <td>D</td> <td>N 13° 40' 50.9"</td> <td>E 77° 55' 51.4"</td> </tr> <tr> <td colspan="3" style="text-align: center;">MAP DATUM - WGS -84</td> </tr> </tbody> </table>	Corner Pillar	Latitude	Longitude	A	N 13° 40' 54.5"	E 77° 55' 52.6"	B	N 13° 40' 52.7"	E 77° 55' 56.9"	C	N 13° 40' 48.9"	E 77° 55' 55.9"	D	N 13° 40' 50.9"	E 77° 55' 51.4"	MAP DATUM - WGS -84		
Corner Pillar	Latitude	Longitude																		
A	N 13° 40' 54.5"	E 77° 55' 52.6"																		
B	N 13° 40' 52.7"	E 77° 55' 56.9"																		
C	N 13° 40' 48.9"	E 77° 55' 55.9"																		
D	N 13° 40' 50.9"	E 77° 55' 51.4"																		
MAP DATUM - WGS -84																				



4	Type of Mineral	<b>Building Stone Quarry</b>
5	New / Expansion / Modification / Renewal	New
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenueland
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.719 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	It's a Building Stone Quarry
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,20,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	8,599.5 CUM
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	16,842 TPA
16	Project Cost (Rs. In Crores)	0.81 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Itakaldurga Reserved Forest Block 3 - 1.80 Km(NW)
	b. Nearest Human Habitation	Thirumaladeverahalli Village -1.2 kms (SW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Bagepalli - 17.4 kms (NW)
	d. Water Bodies	Vadigere Lake - 0.9 Kms (NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	

	a.	Area for Mining/ Quarrying	3-08	
	b.	Waste Dumping Area	0-02	
	c.	Mineral Storage Area		
	d.	Infrastructure Area	0-06	
	e.	Road Area	0-02	
	f.	Buffer Zone	0-32	
	g.	Unexplored area	--	
	h.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	9.51 KLD
			Domestic	1.57 KLD
			Other	1.22 KLD
			Total	12.3 KLD
23		Storm water management plan	<ul style="list-style-type: none"> <li>• Drains will be constructed along the boundary of activity area</li> <li>• Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season</li> </ul>	

The 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 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in government land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments.

As per the combined sketch prepared by the DMG there are there are no other quarry within the 500 meter lease area 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 24 meters and taking this into consideration the committee opined that 50% of the proposed

 149

quantity of 6,00,000 cum or 16,00,000 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 18 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 an existing cart track road to a length of 350 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.16.00 lakhs towards rejuvenation of Thirumaladevarahalli pond which is at a distance of 230 meter from the lease area.

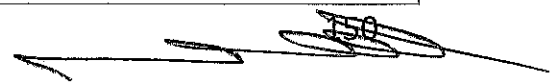
The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

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

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

**229.52 Proposed Grey Granite Quarry Project at Sy.No.18/1/2 of Baiyapur Village, Lingasagur Taluk, Raichur District (4.22 Acres) by Sri. Basanagouda Patil (SEIAA 565 MIN 2019)**

Sl. No	Particulars	Information		
1	Name & Address of the Project Proponent	Grey Granite Quarry by Sri BasanagoudaPatil, S/o. SiddanagoudaPatil, Khairwadgi, Baiyapur Village, Lingasagur Taluk, Raichur District, Karnataka State - 584125		
2	Name & Location of the Project	AQL falling in Part of Survey no 18/1/2, Baiyapur Village, Lingasagur Taluk, Raichur District, Karnataka State.		
3	Co-ordinates of the Project Site	<b>Boundary Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	16°05'25.76" N	76° 21'36.41" E
		B	16°05'28.90" N	76° 21'37.50" E
		C	16°05'27.53" N	76° 21'44.01" E
3	Co-ordinates of the Project Site	D	16°05'24.80" N	76° 21'42.26" E
4	Type of Mineral	Grey Granite.		
5	New / Expansion / Modification / Renewal	New.		

150  


6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Patta Land.
7	Whether the project site fall within ESZ/ESA	NA
8	Area in Ha	4.22 Acre (1.8414 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	6,000 Cum (Grey Granite Optimum production)
12	Quantity of Topsoil/Over burden in cubic meter	Top Soil of quantity 13,292.78 cum and OBof quantity 30,569.92 Cum will be generated during Plan Period.
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil
14	Project Cost (Rs. In Crores)	Around 1.07Crores, i.e107 Lakhs(including the cost of machinery and additional preliminary works and working capital etc)
15	Environmental Sensitivity	
	a. Nearest Forest	None within 5 Km
	b. Nearest Human Habitation	KhairwadgiVillage - 1.9Km (SE)
	c. Educational Institutes, Hospital	Lingasagur at 18 Km in North East directions have Educational Institutes, Hospital facilities.
	d. Water Bodies	<ul style="list-style-type: none"> <li>• BaiyapurKere at a distance of 2.0 Km (W)</li> <li>• Kilarhattikere at a distance of 3.0 Km (SW)</li> </ul>
	e. Other Specify	Nil
16	Applicability of General Condition of the EIA Notification, 2006	NA
17	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	3-01
	b. Waste Dumping Area	0-03
	c. Top Soil Storage Area	0-04
	d. Mineral Storage Area	0-05
	e. Infrastructure Area	0-01
	f. Road Area	0-06
	g. Safety Zone/Green Belt Area	0-28
	h. Unexplored area	0-14 ( Area For future use)
	i. Others Specify Safety Zone	--

18	Method of Mining/ Quarrying		Semi Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.80
			Domestic	1.50
			For plantation	5.00
			<b>Total</b>	<b>11.30, app 12 KLD</b>
20	Storm water management plan		Detailed in Environmental Management Plan	

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and also obtained land conversion order.

As per the extended combined sketch prepared by DMG there are no other leases within the 500 meter radius 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.

As seen from the quarry plan there is a level difference of 10 meters within the mining area and taking this into consideration the total gross quantity of 77,143 cum out of which recovery is 35% i.e., 27,000.32 cum and 65% i.e., 50,143.46 is waste and proponent has stated that he will handle the waste within the lease area by converting it to the Khandas and building stone with proper permission from the concerned authorities.

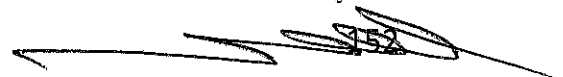
The proponent has stated that there is a existing cart track road to a length of 500 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs towards rejuvenation of Baiyapur tank which is at a distance of 1.50 KMs from the lease area.

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

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

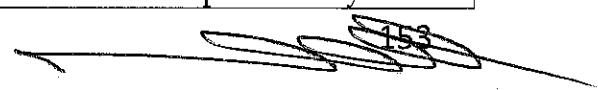
**Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.**





**229.53 Proposed Grey Granite Quarry Project at Sy.No.619/4 of Mudgal Village, Lingasagur Taluk, Raichur District (6.20 Acres) by Sri. Doddabasanagouda Patil (SEIAA 567 MIN 2019)**

Sl. No	Particulars	Information		
1	Name & Address of the Project Proponent	Grey Granite Quarry by Sri DoddabasanagoudaPatil, S/o. AmaregoudaPatil , Ward No 4, Basaveshwara Nagar, KushtagiTaluk, Koppal District, Karnataka State		
2	Name & Location of the Project	AQL falling in Part of Survey no 619/4 Mudgal Village, LingasagurTaluk, Raichur District, Karnataka State.		
3	Co-ordinates of the Project Site	<b>Boundary Pillar</b>	<b>Latitude</b>	<b>Longitude</b>
		A	15°59'20.30" N	76° 26'49.50" E
		B	15°59'17.10" N	76° 26'45.60" E
		C	15°59'25.10" N	76° 26'46.30" E
	D	15°59'25.40" N	76° 26'51.90" E	
4	Type of Mineral	GreyGranite.		
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	NA		
8	Area in Ha	6.20 Acre (2.6307 Ha)		
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	10,095Cum optimum production(Grey Granite/recovery).		
12	Quantity of Topsoil/Over burden in cubic meter	Intercalated waste of quantity 76,721.30 cum,Boulders of quantity 27,876.59cum and OB of quantity 31,903.27 Cum will be generated during Plan Period.		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil		
14	Project Cost (Rs. In Crores)	1.19Crores, i.e119 Lakhs(including the cost of machinery and additional preliminary works		

 153

		and working capital etc)	
15	Environmental Sensitivity		
	a.	Nearest Forest None within 5.0 Kms	
	b.	Nearest Human Habitation Purdenpet Village - 2.2 km (N)	
	c.	Educational Institutes, Hospital Lingasagurat 20 Kms in North direction from the lease have Educational Institutes, Hospital facilities.	
	d.	Water Bodies <ul style="list-style-type: none"> <li>• Mudgalkere at a distance of 2.5 Km (N)</li> <li>• Maski Nadi flowing at a distance of 4.0 Km (SW)</li> </ul>	
	e.	Other Specify Nil	
16	Applicability of General Condition of the EIA Notification, 2006 NA		
17	Details of Land Use in Acres		
	a.	Area for Mining/ Quarrying 4-24	
	b.	Waste Dumping Area 0-03	
	c.	Top Soil Storage Area --	
	d.	Mineral Storage Area 0-05	
	e.	Infrastructure Area --	
	f.	Road Area 0-04	
	g.	Safety Zone/Green Belt Area 1-00	
	h.	Unexplored area 0-24	
	i.	Others Specify Safety Zone ---	
18	Method of Mining/ Quarrying Semi Mechanised Quarrying		
19	Water Requirement		
	a.	Source of water Near By Borwell.	
	b.	Total Requirement of Water in KLD	
		Dust Suppression	3.20
		Domestic for plantation	1.50
		<b>Total</b>	<b>7.5</b>
		<b>12.20, app 13 KLD</b>	
20	Storm water management plan Detailed in Environmental Management Plan		

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

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh proposal involving ornamental stone mining in patta land. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments and also obtained land conversion order.

As per the extended combined sketch prepared by DMG there are two other leases with a total area of 5 Acres and the combined area including the area of this lease comes to 11 Acres 20 guntas which being less than the threshold limit of 5 Ha., and hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

As seen from the quarry plan there is a level difference of 17 meters within the mining area and taking this into consideration the total gross quantity of 1,18,032 cum out of which recovery is 35% i.e., 41,311 cum and 65% i.e., 76,721 is waste and proponent has stated that he will handle the waste within the lease area by converting it to the Khandas and building stone with proper permission from the concerned authorities.

The proponent has stated that there is an existing cart track road to a length of 600 meters connecting the lease area to all weather black topped road.

As far as CER is concerned, the proponent has earmarked Rs.8.00 lakhs towards rejuvenation of Mudgal kere which is at a distance of 2.00 KMs from the lease area.

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

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

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

**229.54 Proposed Ordinary Sand Quarry Project at Sy.No.61/2 of Naregal Village, Koppal Taluk & District(7-01 Acres) by Sri. Ashish Toshniwal (SEIAA 573 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Ashish Toshniwal, S/o Bhagavandas Toshniwal, 6695/18, K C Road, Near Anglo Urdu School, Masari, Gadag, Karnataka-582101.
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 7-01 Acres (2.84 Hectares) in Patta Land at Sy. No. 61/2 of Naregal Village, , Koppal taluk, Koppal district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15°23' 45.9" to N 15°23'42.7" Longitude: E76°09' 02.4" to E76°09'06.0"
4	Type of Mineral	Ordinary Sand Quarry

5	New / Expansion / Modification / Renewal	New
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	2.84 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	4.5m
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	58,000 TPA
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 1.5m and Sand upto a depth of 4.5m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No waste Availbale
16	Project Cost (Rs. In Crores)	0.83 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None Within 5 kms
	b. Nearest Human Habitation	Naregal Village - 0.15 Km W
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Koppal.
	d. Water Bodies	Hire Halla - 65 mts (E).
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	5-25
	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	1-16	
	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	0.65 KLD
			Domestic	1.8 KLD
			Other	0.55 KLD
			Total	3.0KLD
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 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting.

During the appraisal committee took note of the Hon'ble supreme court direction in response to PIL filed in respect of sand mining wherein court has directed to issue notices to Union Government for their comments to be submitted within four weeks. Since there is no restraint at this stage to consider the proposal, the committee proceeded with the appraisal.

The committee noted that this is a fresh sand quarry lease in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Departments and applied for land conversion order and also he has stated that the quarry plan has also been got approved from the DMG. The project is located at a distance of 65 meters from Hirehalla. The average top level of the sand block is 527 meters and dry weather flow (bed level) of the halla is 519 meters. The depth of mining is 6.0 meters including 1.5 meter depth of top soil and the proponent has stated that he will take up mining subdividing the mining block into three sub blocks and taking up mining in each block every year and the top soil generated will be stored in the untackled sub block and the mining in the untackled sub block will be taken up after clearing the top soil and

utilizing the topsoil for filling the tackled block. Taking this into consideration the proposed quantity of 1,02,351 cum or 1,64,500 tons for a plan period of three years can be mined safely and scientifically.

The proponent has also stated that he will build a cart track road to a length of 200 meters joining the lease area to all weather road in the private patta lands for which an MOU with the land owner has already been obtained. The proponent has also stated that he will establish a stock yard on a private land for which also MOU with the land owners has been obtained. The proponent has stated that there are no eco-sensitive zone within the radius of 10 KM from the boundary of lease area.

The proponent has also submitted combined sketch prepared by the DMG wherein it has stated that there are no other leases within the 500 meter radius from the lease area and this being less than the threshold limit of 5 Ha., the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly.

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

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

- 1) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 2) The overall depth of mining shall not exceed 4.5 meter from the top level at any point of time during the lease period.

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

**229.55 Proposed Ramanagara Ordinary Sand Quarry Project at Sy.Nos.57/2 & 56/2 of Ramasagara Village, Molakalmuru Taluk, Chitradurga District (7-20 Acres) by Sri. G. Srinivasulu (SEIAA 577 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri G. Srinivasulu Renukanagar, 14th Cross, Thaluru Road, Bellary District.

2	Name & Location of the Project	"Ramasagara Ordinary Sand Quarry" in patta land over an extent of 7-20 Acres adjacent to Sy. No. 57/2 & 56/2 of Ramasagara Village, Molakalmuru Taluk, Chitradurga District		
	Co-ordinates of the Project Site	Corner Point No	Latitude	Longitude
		1	N 14 <sup>0</sup> 49' 14.5"	E 76 <sup>0</sup> 47' 34.2"
		2	N 14 <sup>0</sup> 49' 13.1"	E 76 <sup>0</sup> 47' 31.5"
		3	N 14 <sup>0</sup> 49' 11.9"	E 76 <sup>0</sup> 47' 31.4"
		4	N 14 <sup>0</sup> 49' 11.2"	E 76 <sup>0</sup> 47' 31.8"
		5	N 14 <sup>0</sup> 49' 12.4"	E 76 <sup>0</sup> 47' 35.6"
		6	N 14 <sup>0</sup> 49' 16.3"	E 76 <sup>0</sup> 47' 39.8"
		7	N 14 <sup>0</sup> 49' 19.8"	E 76 <sup>0</sup> 47' 47.3"
		8	N 14 <sup>0</sup> 49' 21.7"	E 76 <sup>0</sup> 47' 47.8"
		9	N 14 <sup>0</sup> 49' 21.9"	E 76 <sup>0</sup> 47' 46.3"
		10	N 14 <sup>0</sup> 49' 18.9"	E 76 <sup>0</sup> 47' 46.3"
		11	N 14 <sup>0</sup> 49' 17.0"	E 76 <sup>0</sup> 47' 39.4"
		12	N 14 <sup>0</sup> 49' 15.5"	E 76 <sup>0</sup> 47' 38.5"
		13	N 14 <sup>0</sup> 49' 15.8"	E 76 <sup>0</sup> 47' 33.9"
		14	N 14 <sup>0</sup> 49' 13.3"	E 76 <sup>0</sup> 47' 29.2"
		15	N 14 <sup>0</sup> 49' 12.3"	E 76 <sup>0</sup> 47' 30.2"
4	Type of Project	Natural 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	3.03 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	7.50m		
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	Fresh Land		

159

	quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	Production is 1,00,000 Tonnes for 1st year and 70,000Tonnes for 2nd and 60,000 Tonnes for 3rd yearsof sand.	
14	Quantity of Topsoil/Over burden in cubic meter	It is a Sand Quarry	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	--	
16	Project Cost (Rs. In Crores)	1.09crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Santegudda Reserved Forest - 2.87kms(NW)	
	b. Nearest Human Habitation	Ramasagara - 1.75 Kms(NE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Molakalmuru - 13.0kms (SW)	
	d. Water Bodies	Its located in ChinnaHagari River - 0.33kms(NW)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006	NA	
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	5-05	
	b. Waste Dumping Area	0-00	
	c. Top Soil yard		
	d. Mineral Storage Area	0-00	
	e. Infrastructure Area	0-00	
	f. Road Area	0-00	
	g. Buffer Area	0-00	
	h. Unexplored area	2-15	
	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	3.26KLD
		Domestic	0.52KLD
		Other	0.22 KLD
		<b>Total</b>	<b>4.00 KLD</b>



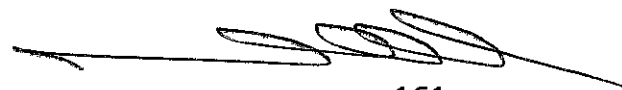
23	Storm water management plan	Drains will be constructed along the boundary of activity area
24	Any other information specific to the project (Specify)	NA

The Proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28-8-2018 to provide clarification/additional information. The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. During the appraisal committee took note of the Hon'ble supreme court direction in response to PIL filed in respect of sand mining wherein court has directed to issue notices to Union Government for their comments to be submitted within four weeks. Since there is no restraint at this stage to consider the proposal, the committee proceeded with the appraisal.

The committee noted that this is a fresh sand quarry lease in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Departments and applied for land conversion order and also he has stated that the quarry plan has also been got approved from the DMG. The project is located at a distance of 300 meters from Hirehalla. The average top level of the sand block is 497 meters and dry weather flow (bed level) of the halla is 484 meters. The depth of mining is 8.5 meters including 1.0 meter depth of top soil and the proponent has stated that he will take up mining subdividing the mining block into three sub blocks and taking up mining in each block every year and the top soil generated will be stored in the untackled sub block and the mining in the untackled sub block will be taken up after clearing the top soil and utilizing the topsoil for filling the tackled block. Taking this into consideration the proposed quantity of 1,35,294 cum or 2,30,000 tons for a plan period of three years can be mined safely and scientifically.

The proponent has also stated that he will build a cart track road to a length of 500 meters joining the lease area to all weather road in the private patta lands for which an MOU with the land owner has already been obtained. The proponent has also stated that he will establish a stock yard in a land which belongs to the proponent himself. The proponent has stated that there are no eco-sensitive zone within the radius of 10 KM from the boundary of lease area.

The proponent has also submitted combined sketch prepared by the DMG wherein it has stated that there is one other lease which has been mentioned as closed in the combined sketch and hence not considered for cluster effect within the 500 meter radius from the lease area and this being less than the threshold limit of 5 Ha., the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly.



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

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

- 1) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 2) The overall depth of mining shall not exceed 7.5 meter from the top level at any point of time during the lease period.

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

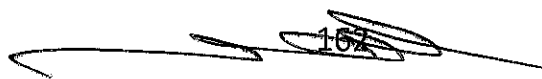
**229.56 Subject: Grievances of the Ramky One North Apartment owners**

During the course of the 229<sup>th</sup> SEAC meeting, **Ramky One North Apartment owners** have submitted their representations against M/s. Ramky Estates & Farms Ltd., to the committee. In this regard it is brought to the notice of Hon'ble SEIAA that SEAC during the 227<sup>th</sup> meeting had recommended for issue of EC to M/s. Ramky Estate & Farms Ltd subject to certain conditions and giving undertakings by the proponent. While forwarding this representation to SEIAA, it is requested to initiate suitable action if the proponent violate any conditions stipulated and undertaking given by them.

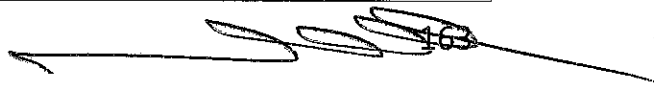
**Reconsideration Subjects:**

**229.57 Proposed Building Stone Quarry over an extent of 1-00 Acres in Sy.No.68/2 of Chimkoda Village, Bidar Taluk, Bidar District by Sri. Tanveer(SEIAA 361 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION												
1	Name & Address of the Project Proponent	Sri. Tanveer S/o Abdul Waheed Serikar 420/1, Bilal Colony, Chidri Road, Bidar, Karnataka- 585401.												
2	Name & Location of the Project	Chimkoda Building Stone Quarry Chimkoda Village Bidar Taluk, Bidar District.												
3	Co-ordinates of the Project Site	<table border="1"> <tr> <td colspan="3">Co-Ordinates in hddd°mm.mmm'</td> </tr> <tr> <td colspan="3">Datum: WGS 84</td> </tr> <tr> <td></td> <td>Latitude</td> <td>Longitude</td> </tr> <tr> <td>A</td> <td>N17° 59' 58.0"</td> <td>E77° 34' 15.2"</td> </tr> </table>	Co-Ordinates in hddd°mm.mmm'			Datum: WGS 84				Latitude	Longitude	A	N17° 59' 58.0"	E77° 34' 15.2"
Co-Ordinates in hddd°mm.mmm'														
Datum: WGS 84														
	Latitude	Longitude												
A	N17° 59' 58.0"	E77° 34' 15.2"												

 164

		B	N17° 59' 57.1"	E77° 34' 16.7"
		C	N17° 59' 59.2"	E77° 34' 18.2"
		D	N18° 00' 00.1"	E77° 34' 16.8"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Patta Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.4 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	15000 TPA		
12	Quantity of Topsoil/Over burden in cubic meter	Nil		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1000 TPA		
14	Project Cost (Rs. In Crores)	27.5 Lakh		
15	Environmental Sensitivity			
	a. Nearest Forest	No reserve forest near applied area		
	b. Nearest Human Habitation	Chimkoda village -2.0 km		
	c. Educational Institutes, Hospital	Bidar District -12.0 km		
	d. Water Bodies	Manjara River - 2.2 KM towards NE. Sultanpur Check Dam - 0.6 KM towards South. Seasonal nalla -0.28 KM towards SE		
	e. Other Specify	Nil		
16	Applicability of General Condition of the EIA Notification, 2006	No		
17	Details of Land Use in Ac			
	a. Area for Mining/ Quarrying	0.55		
	b. Waste Dumping Area	--		
	c. Top Soil Storage Area	-		
	d. Mineral Storage Area	-		
	e. Infrastructure Area	--		
	f. Road Area	-		
	g. Green Belt Area	0.45		
	h. Unexplored area			
	i. Others Specify	-		
18	Method of Mining/ Quarrying	Semi Mechanised Quarrying		
19	Water Requirement			

 163

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

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

The Proponent and Environment Consultant attended the 227<sup>th</sup> meeting held on 23-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and has applied for land conversion order which is still awaited. The lease has been notified on 12-4-2017.

As seen from the quarry plan there is a level difference of one meter within the mining area and taking this into consideration the committee opined that 60% of the proposed quantity of 28,517 cum or 75,000 tons can be mined safely and scientifically to a quarry pit depth of 10 meters for a plan period of five years.

As per the extended cluster sketch approved by DMG there are no other lease within the 500 meter radius and this being less than less than the threshold limit of 5 Hectares, the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park and the interstate boundary is at a distance of 8.0 KM from the lease area.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 2.5 KM 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 Sultanpur pond which is at a distance of 0.6 KM from the lease area.

As per the records the committee noticed that the issue of land conversion has been appraised in the District Task Force committee during 2017 itself, wherein it is stated the clearance for mining lease is subject to obtaining land conversion order and even after two years of that date the land conversion has not been obtained. In view of the above the committee decided to defer the appraisal till the submission of land conversion.

The proponent has submitted the replies vide letter dated:9-8-2019. The committee perused the replies submitted by the proponent and accepted the same.

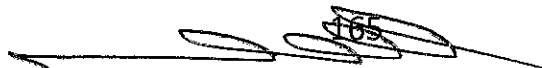
The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

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

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

**229.58** Construction of Residential Apartment and Villa project at Sy.No.219/1(P), 219/6A, 219/6B, 224/2, 226/1(P), 227/1(P) of Gunjur village, Bengaluru East Taluk, Bengaluru by M/s. Candeur Constructions(SEIAA 39 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr.Katam Reddy Srikanth Reddy Managing Partner M/s. Candeur Constructions, Sy .No.183/1A,183/1B,183/10,Gunjur Main Road, Next to Vinayaka Theater, Varthur, White Field, Bangalore -560087.
2	Name & Location of the Project	Development of Residential Apartment and Villas project Sy. Nos. 219/1(P),219/6A,219/6B, 224/2, 226/1(P), 227/1(P) of Gunjur village, Varthur hobli, Bangalore east taluk, Bangalore.
3	Co-ordinates of the Project Site	12°55'49.88"N 77°44'35.99"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
		NA
		NA

  
105

		NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	
5	Type of Development	Residential Apartment and Villas project	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment and Villas project
	b.	Residential Township/ Area Development Projects	NA
6	Plot Area (Sqm)	<p>The plot area of the proposed project is about 47760.18 sqm.  Khrab area is 1315.21.  Total site area of actual and record is 46444.97 sqm.  Existing Road widening is 103.51 sqm.  Proposed 18.0 mt road widening as per RMP 2015 is 1977.09 sqm.  Proposed 18.0 mt road widening as per RMP 2031 is 1566.56 sqm.  Net site area is 42797.81 sqm.</p>	
7	Built Up area (Sqm)	1,78,146.88 Sqm.	
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	<p>No. of Blocks: 4 Nos.  Block-1 : No. of Floors: B+G + 23 Upper Floors  Block-2 : No. of Floors: 2B+G + 23 Upper Floors  Block-3 : No. of Floors: 2B+G + 23 Upper Floors  Block-4 : No. of Floors: B+G + 16 Upper Floors  Residential Villa: 4 Nos.  No. of Floors: G + 2 Upper Floors</p>	
9	Number of units in case of Construction Projects	1236	
10	Number of Plots in case of Residential Township/ Area Development Projects	NA	
11	Project Cost (Rs. In Crores)	200	
12	Recreational Area in case of Residential Projects / Townships	NA	
13	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	8713.16 Sqm (21.53%).
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of	13939.49 Sqm (30.0%)

		the schedule of the EIA notification, 2006	
	d.	Internal Roads	8.0 mts Width
	e.	Paved area	21447.85 Sqm (43.47%)
	f.	Others Specify	Civic amenity area is 2344.50 sqm (5.0%), Existing Road widening is 103.51 sqm. Proposed 18.0 mt road widening as per RMP 2015 is 1977.09 sqm. Proposed 18.0 mt road widening as per RMP 2031 is 1566.56 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	NA
	b.	Total quantity of Excavated earth (in cubic meter)	130000 cum
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 50,000 For Landscape= 20,000 For Internal Road making =30, 000
	d.	Excess excavated earth (in cubic meter)	30,000
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	We will store the excess excavated earth next to our project site of our own land and will used for our future projects.
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	10 KLD
	d.	Waste water generation in KLD	8 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant

167

	II.	Operational Phase							
	a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>520</td> </tr> <tr> <td>Recycled</td> <td>300</td> </tr> <tr> <td>Total</td> <td>820</td> </tr> </table>	Fresh	520	Recycled	300	Total	820
Fresh	520								
Recycled	300								
Total	820								
	b.	Source of water	BWSSB						
	c.	Waste water generation in KLD	740						
	d.	STP capacity	740						
	e.	Technology employed for Treatment	SBR						
	f.	Scheme of disposal of excess treated water if any	Excess treated sewage will be given to nearby construction projects/ avenue plantation/UGD						
16	Infrastructure for Rain water harvesting								
	a.	Capacity of sump tank to store Roof run off	200						
	b.	No's of Ground water recharge pits	30						
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	1636 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	1091 kg/day given to PCB authorized recycler						
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	100-150 Lts/one B check given to PCB authorized recycler						
	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	150 Kg/year given to PCB authorized recycler						
19	POWER								
	a.	Total Power Requirement - Operational Phase	2000 KW						
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	500 KVA X 3 nos.						
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel						
	d.	Energy conservation plan and Percentage of savings including	20% we are achieved						



		plan for utilization of solar energy as per ECBC 2007	
20	PARKING		
	a.	Parking Requirement as per norms	1305
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed
	c.	Internal Road width (RoW)	8.0 mts

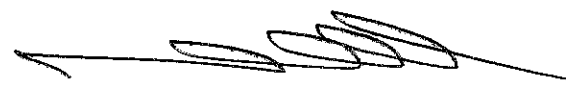
The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 223<sup>rd</sup> meeting held on 27-5-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Conceptual plan, proposed ToRs and clarification/additional information provided during the meeting. During presentation of ToRs the proponent has stated that he has started studies from the date of application in the month of March and thus requested to permit him to adopt the same for which the committee has agreed to permit him.

The committee decided to recommend the proposal to SEIAA for issue of Standard ToRs alongwith 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 proposed trees for development of greenery as per norms.



- 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) Ground Water analysis shall be conducted for heavy metal parameters such as Mercury, Lead, Cadmium, & Uranium also.
- 15) 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.

Accordingly the ToRs were issued vide letter dated: 8-7-2019.

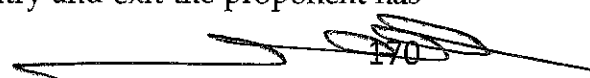
The proponent has submitted the EIA report vide letter dated: 17-7-2019.

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 from the village survey map there are no water bodies either in the form of lake or natural nalas which attracts buffer as per norms.

As seen from the baseline studies the concentration of PM<sub>10</sub> and PM<sub>2.5</sub> is much above the permissible limits for which the proponent has stated that he will install air purifiers during construction phase as well as operation phase. It is also observed that noise levels are also above the permissible limits for which the proponent has stated that it is mainly due to lot of construction works that are underway and for that he will create green baffle wall all round the project site. For entry and exit the proponent has

  
170

agreed to submit the detailed designs so that the traffic flow in the state highway (SH-35) is maintained smooth. The proponent has also agreed to utilize maximum treated sewage by going for triple line plumbing and agreed to submit the flow chart.

As far as CER is concerned the proponent has stated that he has earmarked Rs.3.00 crores to take up remedial works in the rain devastated Kodagu district.

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

- 1) The earthwork calculation has to be reworked taking into consideration level difference within the project site and also the fact that the project is having dedicated approach road to a length of 120 meters.
- 2) Design details of entry and exit to ensure smooth traffic flow in the SH may be worked out and submitted.
- 3) Carbon foot prints with suitable offsets may be worked out both for construction and operation phase may be submitted.
- 4) Separate rain water harvesting storage sumps to store water from terrace area and paved area may be detailed and treatment scheme may be worked out and submitted.
- 5) Plan to utilize the terrace area and the walls to harvest renewable energy (solar and wind) with layout plan for the solar panels and location of micro wind turbines have to be worked out and submitted.

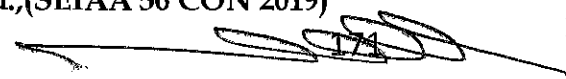
The proponent has submitted the replies vide letter dated:22-8-2019. The committee perused the replies submitted by the proponent and accepted the same.

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

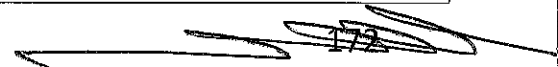
1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. Triple line plumbing system to be implemented instead of dual line plumbing by adopting sullage and sewage treatment separately.
4. Surface water runoff from paved areas to be stored and reused with suitable treatment systems.
5. CO sensors to be installed with suitable exhaust system for double and triple basements.

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

**229.59** Proposed Modification & Expansion of Non Residential Building(Commercial Office/ Software Park/ Hospital) project at Sy.No20(P), 21(P) 22(P), 23, 24(P) & 28/1(P) of Hennur Village, Kasaba Hobli, Bengaluru North Taluk, Bengaluru by M/s. DivyaSree Real Estate Developers Pvt Ltd.,(SEIAA 56 CON 2019)

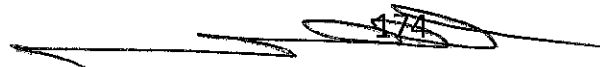


Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Bhaskar N. Raju , Authorized Signatory M/s. Divyasree Real Estate Developers Pvt. Ltd Divyasree Chambers, A wing, No. 11, O' Shaughnessy Road, Bangalore- 560025
2	Name & Location of the Project	Modification and Expansion of Non Residential Building (Commercial-Office/ Software park/Hospital) project At Sy Nos. 20(P), 21(P), 22(P), 23, 24(P) & 28/1(P) of Hennur village, KasabaHobli, Bangalore North Taluk, Bangalore
3	Co-ordinates of the Project Site	13°02'23.54"N 77°38'28.15"E
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Hennur lake is at a distance of 1.5 km towards East of the project site Nala is at a distance of 50 m towards North 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 222 of 2014 dated 04.05.2016, if Applicable.	NA
5	Type of Development	Commercial-Office/ Software park/Hospital
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial-Office/ Software park/Hospital
b.	Residential Township/ Area Development Projects	NA
6	Plot Area (Sqm)	54,379.18 sqm
7	Built Up area (Sqm)	2,73,439.97sqm
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Tower 1-Hospital/ Commercial: 3B+G+7th UF Tower 2: 3B+G+8th UF Tower 3-A: 3B+G+11thUF Tower 3-B : 3B+G+11th UF Tower 4 : 3B+G+8th 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)	450
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	14554.96Sqm (12.72%).
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	10,645.0 (19.57%) Sqm
d.	Internal Driveways	8mts Width
e.	Paved area	26,460.27 Sqm (48.56%)
f.	Others Specify	
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)	4,00,000
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 150,000 For Landscape= 35,000 For Internal Road making =100,000 Remaining 115,000 Cum will submit the details during the EIA report.
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	10 KLD

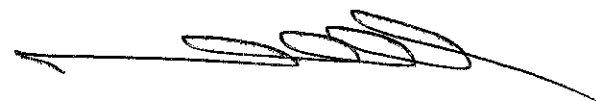
d.	Waste water generation in KLD	9 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewage Treatment Plant
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 714
		Recycled 445
		Total 1160
b.	Source of water	BWSSB
c.	Waste water generation in KLD	1040
d.	STP capacity	560 KLD, 475 KLD for commercial and 90 KLD for Commercial-Office/ Software park/HospitalProject.
e.	Technology employed for Treatment	SBR
f.	Scheme of disposal of excess treated water if any	Zero Discharge
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	250 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	1.9 MT/day converted in to organic manure and used for garden
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	2.8 MT/day given to PCB authorized recycler
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	3000-3500 Lts/one B check given to PCB authorized recycler
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	1000 Kg/year given to PCB authorized recycler
e.	Hospital Bio medical waste	300 kgs of organic waste will be treated in Organic convertor Black Bag- Cytotoxic drug and Chemical Waste is 20



		Kg/day disposed to Secured Land Filling Red Bag- Solid Waste Viz Infected Dressings and POP Casts 250 Kg/day Disposed in Deep Burial Yellow Bag -Anatomical Waste such as Placenta, Pathological waste and body parts 200 kg/day Disposed in Deep Burial. Blue Bag- Infected plastics viz Syringes, Gloves and plastic waste 20 Kg/day given to recycler White bag - Sharps like needles and cut glasses 10 Kg/day disposed to Sharp Pit
19	POWER	
a.	Total Power Requirement - Operational Phase	11230 KW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1500 KVA X 15Nos , 1010 KVA X 2 nos, 750 KVA X 1 Nos and 500 KVA X 3 Nos
c.	Details of Fuel used for DG Set	Low Sulphuric diesel
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	27.3 % we are achieved
20	PARKING	
a.	Parking Requirement as per norms	3074
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 223rd meeting held on 27-5-2019 to present the ToRs. 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. Earlier an EC was issued on 19-9-2018 for a BUA of 1,44,985.98 sqmts for a total plot area of 54,379.18 sqmts. In the earlier concept plan five blocks were envisaged out of which three were proposed to be taken up during future expansion and the scope of the earlier EC was for two blocks. Now this application is made out to construct all the five blocks with a BUA of 2,73,439.97 sqmts and the proponent has stated that he has retained the original configuration proposed in the earlier concept plan. The proponent has stated that he is collecting data from the month of March and he has requested to permit him to adopt this data for which the committee decided to permit him to adopt the data.



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 greenery within the project site as per norms.
- 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), bench mark 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 activities proposed in each tower may be detailed and submitted.

Accordingly the ToRs were issued vide letter dated:8-7-2019.

The proponent has submitted the EIA report vide letter dated: 17-7-2019.

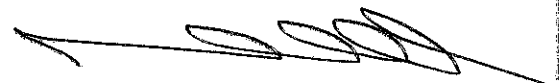
The proposal is therefore placed before the committee for EIA appraisal.

The Proponent and the Environmental consultant attended the 228<sup>th</sup> meeting held on 7-8-2019 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 this is a project involving expansion of the already sanctioned project. Earlier an EC was issued during the year 19-9-2018 and in the concept plan for which EC issued was comprising five blocks and out of these five blocks only two blocks were proposed for construction and the area for other three blocks was reserved for future expansion in the earlier concept plan itself. The proponent has stated that no construction work has been taken up till date and only site leveling is being done. The proponent has stated that in view of the recent Hon'ble Supreme court order which mandates lesser buffer zones he made use of this leeway and revised the concept plan and made out this application based on this revised concept plan. In the earlier EC all the two blocks were for construction of 3B+G+11UF. Now as per this application one block will be for 3B+G+11UF and the other block is for 3B+G+8UF. The proponent has stated that in the earlier EC the FAR utilized was 1.784 and now as per the present FAR is 2.984 as against the 3.0 permissible. As far as mandated buffer zones are concerned, in the earlier EC it was 75 meter from the lake and 50 meters from the primary nala and 35 meter from the secondary nala and 25 meter from tertiary nala and the buffer left for secondary nala was getting merged with the buffer left for lake. Now in this proposal the buffer zones left is 30 meter from the lake and 15 meter for tertiary nala and 50 meter left for primary nala earlier has been retained in this proposal also.

As far as CER is concerned the proponent has stated that he has earmarked Rs.6.75 crores for this purpose out of which 30% will be spent in the local areas and balance 70% will be earmarked for taking up rehabilitation works in the rain devastated Kodagu district.

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



1. The earthwork calculation has to be reworked taking into consideration level difference within the project site.
2. Design details of entry and exit to ensure smooth traffic flow in the main approach road.
3. Carbon-foot prints with suitable offsets may be worked out both for construction and operation phase may be submitted.
4. Separate rain water harvesting storage sumps to store water from terrace area and paved area may be detailed and treatment scheme may be worked out and submitted.
5. Plan to utilize the terrace area and the walls to harvest renewable energy (solar and wind) with layout plan for the solar panels and location of micro wind turbines have to be worked out and submitted.
6. Air cooled HVAC to replace water cooled HVAC to conserve water and reuse to reduce the fresh water demand for which revised water balance chart and energy savings to be worked out and submitted.
7. Resubmit the STP and hospital STP flow chart with ozonisation as stated by the proponent and design parameters to be shared.

The proponent has submitted the replies vide letter dated:22-8-2019. The committee perused the replies submitted by the proponent and accepted the same.

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

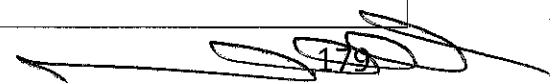
1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
3. The proponent shall identify suitable place(KIOSK) for collection and storage of E-Wastes generated within the premises and shall be disposed of regularly only with the KSPCB authorised E-waste recyclers.
4. Triple line plumbing system to be implemented instead of dual line plumbing by adopting sullage and sewage treatment separately.
5. Surface water runoff from paved areas to be stored and reused with suitable treatment systems.
6. CO sensors to be installed with suitable exhaust system for double and triple basements.

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

**229.60 Proposed Residential Project at Sy.No.16/2 and 15/2, Geddalhalli Village, K.R Puram Hobli, Bangalore East Taluk by Mr. Munawar Burhan (SEIAA 99 CON 2019)**

Sl.	PARTICULARS	INFORMATION
-----	-------------	-------------

No		
1	Name & Address of the Project Proponent	Mr. Munawar Burhan #199, 19th Cross, 1st block, R.T Nagar Post, Bangalore-560032
2	Name & Location of the Project	Proposed Residential Project at Sy. No. 16/2 and 15/2, Geddalahalli Village, K R Puram Hobli, Bangalore East Taluk.
3	Co-ordinates of the Project Site	13°02'36.38"N 77°38'29.60"E
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.
5	Type of Development	Residential Building
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other
	b.	Residential Township/ Area Development Projects
6	Plot Area (Sqm)	8,963.98 m <sup>2</sup>
7	Built Up area (Sqm)	38,222.21 m <sup>2</sup>
8	Building Configuration Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Residential building Tower 01 & 02: 2B+G+25UF
9	Number of units in case of Construction Projects	NA
10	Number of Plots in case of Residential Township/ Area Development Projects	229 Units
11	Project Cost (Rs. In Crores)	150
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	



	a.	Ground Coverage Area	1,208.34 Sqm(13.49 %)
	b.	Kharab Land	NA
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	2,958.11 sqm (33.0%)
	d.	Internal Roads	8mts Width
	e.	Paved area	4,797.52 Sqm (53.52%)
	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)	22,000
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 9,000 For Landscape=7,000 For Internal Road making =6, 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	Fresh 110

	KLD	Recycled	90
		Total	200
b.	Source of water	BWSSB	
c.	Waste water generation in KLD	185	
d.	STP capacity	185 KLD	
e.	Technology employed for Treatment	SBR	
f.	Scheme of disposal of excess treated water if any	Excess 70 KLD treated water is used for avenue plantation and excess is disposed to Existing UGD	
16	Infrastructure for Rain water harvesting		
a.	Capacity of sump tank to store Roof run off	35 m <sup>3</sup>	
b.	No's of Ground water recharge pits	15 No's	
17	Storm water management plan	Enclosed in EMP	
18	WASTE MANAGEMENT		
I.	Construction Phase		
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Shall be disposed through BBMP Authorised vendors.	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	207kg/day converted in to organic manure and used for garden	
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	138 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	1000 KVA	
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	Low Sulphuric diesel	
d.	Energy conservation plan and Percentage of savings including	19% we have achieved	

Handwritten signature and date stamp (18/01/2024) at the bottom right of the page.

		plan for utilization of solar energy as per ECBC 2007	
20	PARKING		
	a.	Parking Requirement as per norms	252
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed
	c.	Internal Road width (RoW)	25.50 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 228<sup>th</sup> meeting held on 7-8-2019 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. As per the village survey map there is one nala cutting across the project site in the northsouth direction and in this regard the proponent has produced a letter from Chief Engineer, Storm water Dept., BBMP stating that this nala is just a rain cut furrow and development on both the side have already been taken place and this nala has lost all the nala characteristics and there is no need for buffer zone. According to which the proponent has stated that he has left 3 guntas of kharab land as it is which is in the form of rain cut furrow.

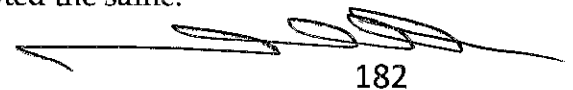
As far as CER is concerned , the proponent has agreed to earmark Rs.2.25 crores to take up rehabilitation works in the rain devastated Kodagu district.

During appraisal the proponent has agreed to construct two separate water storage tanks one each for terrace rainwater and the another for paved surface runoff of capacity 75 cum each in order to reduce the demand for fresh water. He has also agreed to go for triple line plumbing to use the maximum treated sewage and minimize the fresh water demand. As far as utilizing the entire terrace area for solar power generation the proponent has stated that he will rework and submit.

In view of the above the committee decided to reconsider after submission of the following information.

- 1) Water treatment scheme for rainwater separately for terrace rain water and paved rainwater runoff may be worked out and submitted.
- 2) STP design parameters to be shared along with ozonisation for disinfection.
- 3) Solar panel layout for the entire terrace area may be worked out and submitted.

The proponent has submitted the replies vide letter dated:1-8-2019. The committee perused the replies submitted by the proponent and accepted the same.



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. Triple line plumbing system to be implemented instead of dual line plumbing by adopting sullage and sewage treatment separately.
4. Surface water runoff from paved areas to be stored and reused with suitable treatment systems.
5. CO sensors to be installed with suitable exhaust system for double and triple basements.

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

**Deferred Subject:**

**229.61** Proposed Building Stone Quarry Project at Sy.No.540/4, of Uchaingidurga Village, Harappanahalli Taluk, Davanagere District over an area of 2-26 Acres By Sri E. Hanumantappa (SEIAA 438 MIN 2019)

Sl. No	PARTICULARS	INFORMATION													
1	Name & Address of the Project Proponent	Sri E. Hanumanthappa S/o Bheemappa Engalagondi Post, Harappanahalli Taluk Davanagere District.													
2	Name & Location of the Project	"Building Stone Quarry" of Sri E. Hanumanthappa Sy No: 540/4, Uchangidurga Village, Harappanahalli Taluk, Davanagere District, Karnataka													
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>14°33'07.3"N</td> <td>76° 02'45.5"E</td> </tr> <tr> <td>14°33'06.9"N</td> <td>76° 02'49.7"E</td> </tr> <tr> <td>14°33'07.5"N</td> <td>76° 02'53.2"E</td> </tr> <tr> <td>14°33'06.2"N</td> <td>76° 02'53.5"E</td> </tr> <tr> <td>14°33'05.8"N</td> <td>76° 02'45.6"E</td> </tr> </tbody> </table>	Latitude	Longitude	14°33'07.3"N	76° 02'45.5"E	14°33'06.9"N	76° 02'49.7"E	14°33'07.5"N	76° 02'53.2"E	14°33'06.2"N	76° 02'53.5"E	14°33'05.8"N	76° 02'45.6"E	
Latitude	Longitude														
14°33'07.3"N	76° 02'45.5"E														
14°33'06.9"N	76° 02'49.7"E														
14°33'07.5"N	76° 02'53.2"E														
14°33'06.2"N	76° 02'53.5"E														
14°33'05.8"N	76° 02'45.6"E														
4	Type of Mineral	Building Stone Quarry													
5	New / Expansion / Modification / Renewal	New													

6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.914Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/ expansion/ modification of mining proposals other than river sand	NA
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	79752 TPA(Aggregate)
14	Quantity of Topsoil/Over burden in cubic meter	Top soil in the quarrying lease area which would be utilized for afforestation in the green belt area and agricultural purpose
15	Mineral Waste Handled (Metric Tons/ CUM)	1,627 Tons/ annum of waste
16	Project Cost (Rs. In Crores)	3.79crores
17	Environmental Sensitivity	
	a. Nearest Forest	Uchchnigidurga Reserved Forest -0.45 Kms (N)
	b. Nearest Human Habitation	Uchchnigidurga village - 1.00 kms (NE)
	c. Educational Institutes, Hospital	Davanagere -15.00 kms (SW)
	d. Water Bodies	Hiremegalakere Lake-9 Km (SW)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	--
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-19
	b. Waste Dumping Area	0-02
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	0-04
	e. Infrastructure Area	0-02



	f.	Road Area	0-02	
	g.	Buffer Zone	0-22	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.6 KLD
			Domestic	0.4 KLD
			Other	1.0KLD
			Total	12.0KLD
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.

The proponent was invited for the 227<sup>th</sup> meeting held on 25-7-2019 to provide required clarification. As seen from the combined sketch it requires extended combined sketch from the farther lease to ascertain lease areas which forms cluster for which the proponent has stated that he will come back with necessary clarifications. Hence the committee decided to defer.

The proponent has attended the 229<sup>th</sup> meeting held on 28-8-2019 with the extended combined sketch prepared by the DMG according to which there are two other leases the total area of three leases including this lease is 6.26 Acres and this being less than the threshold limit of 5 Ha., the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the records this is a fresh proposal involving mining of building stone in patta land. The proponent has stated that he has obtained NoCs from Forest and Revenue Department and also obtained land conversion order.

As seen from the quarry plan there is a level difference of 12 meters within the mining area and taking this into consideration the committee opined that 55% of the proposed quantity of 1,50,000 cum or 3,98,760 tons can be mined safely and scientifically to a quarry pit depth of 12 meters for a plan period of five years. 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 430 meters connecting lease area to all weather black topped road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.4.00 lakhs to take up rejuvenation of U Kallahalli pond which is at a distance of 1.40 KM from the lease area.

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

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

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

**229.62 Proposed Pink Granite Quarry over an extent of 5-12 Acres in Sy.No.266/3 & 266/6 of Balakundi Village, Hungund Taluk, Bagalkot District by Sri. Mahanthes Gudagunte(SEIAA 364 MIN 2019)**

The proposal was placed before the committee for appraisal.

The proponent was invited for the 227<sup>th</sup> meeting held on 23-7-2019 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. Mahanthes Gudagunte S/o Bharamappa 4242/B/1, Alamour Peth Ward No 7, Ilkal, Bagalkot, Karnataka.. Tel. 9945032727		
2	Name & Location of the Project	Balakundi Pink Granite Quarry Balakundi Village Badami Taluk Bagalokt District.		
3	Co-ordinates of the Project Site	BP	LATITUDE	LONGITUDE
		X	N 15° 54' 19.1"	E 76° 04' 15.6"
		A	N 15° 54' 19.4"	E 76° 04' 12.2"
		B	N 15° 54' 19.8"	E 76° 04' 08.9"

		C	N 15° 54' 26.1"	E 76° 04' 09.4"
		D	N 15° 54' 26.0"	E 76° 04' 10.3"
		E	N 15° 54' 26.4"	E 76° 04' 10.4"
		F	N 15° 54' 26.1"	E 76° 04' 13.5"
		G	N 15° 54' 25.6"	E 76° 04' 13.4"
		H	N 15° 54' 25.7"	E 76° 04' 12.8"
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	2.08 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	2844 Cum		
12	Quantity of Topsoil/Over burden in cubic meter.	NA		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	11376 TPA		
14	Project Cost (Rs. In Crores)	3.39 Cr		
15	Environmental Sensitivity			
	a.	Nearest Forest	NA	
	b.	Nearest Human Habitation	Balakundi -2.1 km	
	c.	Educational Institutes, Hospital	Ilkal, Hungund Taluk -6km & 16 km	
	d.	Water Bodies	Ishwar Nagar pond- 1.7 KM towards NE	
	e.	Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006		No	
17	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	3-04	
	b.	Waste Dumping Area	0-30	
	c.	Top Soil Storage Area	-	
	d.	Mineral Storage Area	0-06	
	e.	Infrastructure Area	0-04	
	f.	Road Area	-	
	g.	Green Belt Area	1-08	
	h.	Unexplored area		
	i.	Others Specify (Untouched)	-	

187

	Total	5-12	
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	

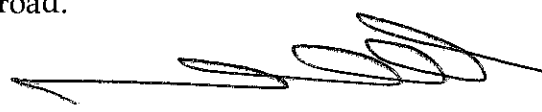
The proponent attended the 229<sup>th</sup> meeting held on 28-8-2019 and submitted the clarification during the meeting.

The committee noted that this is a proposal involving Ornamental Stone mining in Patta land. This is a fresh lease notified on 7-2-2019. The proponent has stated that he has obtained NoCs from Revenue and Forest Department and also obtained land conversion order.

As per the quarry plan approved by DMG there is a level difference of 2 meters and taking this into consideration, the committee opined that the proposed gross quantity of 48,754 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 30% i.e., 14,220 cum in the form of commercial blocks, and 30% i.e., 14,220 cum in the form of khandas and the waste being 40% i.e., 20,314 cum and proponent has stated that he has earmarked 30 guntas of land within the lease area to handle the waste.

As per the extend combined sketch prepared by DMG there are four leases out of which one lease whose area is 11 Acres 9 guntas the application for which has not yet been made out as per the combined sketch prepared by DMG and leases for two other leases were granted prior to 9-9-2013 and hence exempted from cluster effect. 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. 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.4.00 lakhs to take up rejuvenation Eshwarnagar pond which is at a distance of 1.75 KM from the lease area.

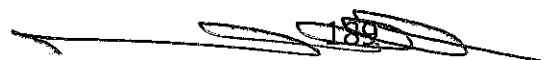
The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

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

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

**229.63** Proposed "Cluster of Building Stone Quarries over an extent of 4-00 Acres at Sy.No.84/2, Palikoppa Village, Hubli Taluk, Dharwad District by Sri. Sayed Irfan Sayed Noor Ahmed Inamdar (SEIAA 275 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Sayed Irfan Sayed Noor Ahmed Inamdar Savanur road, Shiggaon - At & Post, Shiggaon -581205, Haveri District, Karnataka
2	Name & Location of the Project	"Building. Stone& Murram Quarry" of Sri. Sayed Irfan Sayed Noor Ahmed Inamdar, Sy No: 84/2, Palikoppa Village, Hubli Taluk, Dharwad District, Karnataka
3	Co-ordinates of the Project Site	Latitude: 15°10' 47.96"N Longitude:75°07' 56.85"E
4	Type of Project	<b>Building Stone &amp; Murram Quarry</b>
5	New / Expansion / Modification / Renewal	New
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	PattaLand
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.809Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be	NA

 189

	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	It's Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/ expansion/ modification of mining proposals other than river sand	It's a Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	50,000 Tonnes per Annum and 39,960 tons Murrum quarry 1st year itself
14	Quantity of Topsoil/Over burden in cubic meter	Murrum production as there is only 3-4 m Murrum observed in the Quarry area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	2,632 tons per annum
16	Project Cost (Rs. In Crores)	0.92 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None Within 5 kms
	b. Nearest Human Habitation	Palikoppa Village - 0.60 kms (NW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Hubbli
	d. Water Bodies	Palikoppa Pond - 0.40 kms (NW) Dyampur Pond - 1.80 Kms (SW)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-07
	b. Waste Dumping Area	0-02
	c. Top Soil yard	0-03
	d. Mineral Storage Area	
	e. Infrastructure Area	
	f. Road Area	0-02
	g. Green Belt Area	0-26
	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	10.5KLD
			Domestic	0.7KLD
			Other	1.7 KLD
			Total	12.2 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

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

The proponent was invited for the 225<sup>th</sup> meeting held on 27-6-2019 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 attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification and additional information. The committee noted that this is a fresh proposal involving mining of Murram and building stone quarry. The proponent has stated that he has another lease adjacent to this lease area for which EC was granted during 2016 and the mining in this lease also is for Murram and building stone and subsequently these two leases were notified as cluster for which the proponent has stated that he has prepared combined EMP.

As seen from the quarry plan there is a level difference of 6 meters and taking this into consideration and also the fact that he is mining 22,200 cum or 39,960 tons, 50% of the proposed quantity of building stone i.e., 93,980 cum or 2,50,000 tons can be mined safely and scientifically.

As far as combined EMP is concerned the proponent has prepared a combined EMP for Rs.32,92,650 - which provides for afforestation in buffer and approach road barbed wire fencing, garland drains, gully plugs and siltation pond, dust screen all round the mining leases and forming all weather approach road to a length of 1.2 KM. The committee after discussion and deliberation decided to recommend to SEIAA to approve this EMP.

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation Palikoppa pond which is at a distance of 400 meter from the lease area.

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

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



2. Dust suppression measures have to be strictly followed.

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

**229.64** Proposed Building Stone & Murram Quarry at Sy.No.46, in B. Aralikatti Village, Hubali Taluk, Dharwad District(1-13 Acres) by Sri. H.P Madhukar (SEIAA 302 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. H. P. Madhukar #41, Prahsantha, Vijayanagar Badavane, Hubli, Dharwad District, Karnataka.
2	Name & Location of the Project	"Building Stone & Murram Quarry" of Sri. H. P. Madhukar Sy No. 46, B. Aralikatti Village, Hubballi Taluk, Dharwad District, Karnataka.
3	Co-ordinates of the Project Site	Latitude:N 15° 25' 59.47" Longitude:E 75° 10'23.90"
4	Type of Mineral	<b>Building Stone&amp; Murram Quarry</b>
5	New / Expansion / Modification / Renewal	New
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.536 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	NA



	of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	40,000 Tonnes per Annum and 60,000 tons Murram quarry 1st year itself	
14	Quantity of Topsoil/Over burden in cubic meter	No top soil -	
15	Mineral Waste Handled (Metric Tons/ CUM)	2105 Tons/ Annum	
16	Project Cost (Rs. In Crores)	1.65 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	None within 5Kms	
	b. Nearest Human Habitation	B. Aralikatti village - 0.70 kms (SW)	
	c. Educational Institutes, Hospital	Hubli - 12.90 kms (N)	
	d. Water Bodies	B Aralikatti Kere- 0.62 Kms(NW) Inamakoppa Pond- 0.95 Kms(SE)	
	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	0-33	
	b. Waste Dumping Area	0-02	
	c. Top Soil Storage Area	0-06	
	d. Mineral Storage Area		
	e. Infrastructure Area		
	f. Road Area	0-02	
	g. Green Belt Area/Buffer Zone	0-10	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water in KLD	Dust Suppression	8.9KLD
		Domestic	1.5KLD
		Other	1.2KLD
		Total	11.6KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific	NA	

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

The proponent and Environment consultant attended the 223<sup>rd</sup> meeting held on 27-5-2019 to provide required clarification.

The committee noted that as per the quarry plan the mining proposed involve mining of murram to a quantity of 33,000 cum and building stone to a quantity of 75,000 cum. Considering the limited area of 33 guntas available for mining the quantities proposed are exhorbiant and needs mining plan modified to the realistic quantities. Hence the committee decided to defer the subject and instructed the proponent to get the revised realistic quarry plan.

The proponent and Environment consultant attended the 229<sup>th</sup> meeting held on 28-8-2019 to provide clarification and additional information. As seen from the proponent submitted revised quarry plan with realistic production details on 25-6-2019.

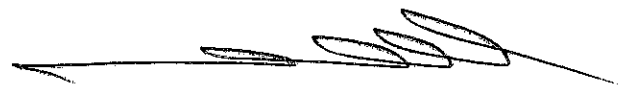
The committee noted that this is a fresh proposal involving mining of building stone and Murram in patta land. The proponent has stated that he has obtained NoCs from Forest and Revenue Department and also obtained land conversion order.

As per the extended cluster sketch approved by DMG there are three leases including this lease within the 500 meter radius, the total area of these leases is 6 Acres 13 guntas this being less than the threshold limit of 5 Ha., the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As 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 is mining 10,000 cum i.e., 18,000 tons of Murram the committee opined that 50% of the building stone proposed i.e., 75,000 cum i.e., 2,00,000 tons can be mined safely and scientifically to a quarry pit depth of 15 meters for a plan period of five years. 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 370 meters 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 B. Aralikatti pond which is at a distance of 700 meters from the lease area.



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

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

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

**229.65** Proposed Building Stone Quarry Project at Sy.No.11/B(P), of Uchangidurga Village, Harappanahalli Taluk, Davanagere District an area of 1-00 Acre By Sri Channamallappa (SEIAA 396 MIN 2019)

Sl. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	Sri Channamallappa S/O Shivappa Uchingidurga Village Harapanahalli Taluk, Davanagere District.	
2	Name & Location of the Project	<i>Applied</i> Uchangidurga <i>Building Stone Quarry</i> Survey Nos. 11/B(P), Uchangidurga Village, Harapanahalli Taluk & Davanagere District of Karnataka State.	
3	Co-ordinates of the Project Site	Lattitude	Longitude
		N14°57' 7.65"	E76°03' 5.44"
		N14°57' 7.41"	E76°03' 5.77"
		N14°57' 6.40"	E76°03' 6.07"
	N14°57' 6.59"	E76°03' 5.67"	
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	NA	
8	Area in Ha	1.00 Acre (0.40 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	Max-12509 TPA, Min -9071 TPA	
12	Quantity of Topsoil/Over burden	Nil.	

	in cubic meter			
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		Min-658TPA and Max- 2268 TPA.	
14	Project Cost (Rs. In Crores)		10 Lakh	
15	Environmental Sensitivity			
	a.	Nearest Forest	Uchangidurga forest-0.20km.	
	b.	Nearest Human Habitation	Uchangidurga - 2.5km	
	c.	Educational Institutes, Hospital	Harapanahalli-25 km	
	d.	Water Bodies	Harapanahalli water pond- 25km	
	e.	Other Specify	Nil	
16	Applicability of General Condition of the EIA Notification, 2006		NA	
17	Details of Land Use in A-G			
	a.	Area for Mining/ Quarrying	0-27	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	0-01	
	g.	Safety Zone/Green Belt Area	0-12	
	h.	Unexplored area	--	
	i.	Others Specify Safety Zone	--	
18	Method of Mining/ Quarrying		Semi Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppression	5.00
			Domestic	1.00
			for plantation	1.50
			<b>Total</b>	<b>7.50</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 227<sup>th</sup> meeting held on 23-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that as seen from the records there is a difference of 23<sup>1</sup> in the coordinates recorded in the quarry plan and combined sketch for which the proponent has stated that he will come back with proper clarification. Hence the committee could not proceed with the appraisal and decided to defer the subject.

The proponent has submitted the clarification vide letter dated:30-7-2019 and the same was placed before the committee for perusal.

The committee noted that the proponent has made out an application stating that the latitudes and longitudes of quarry plan were recorded in the decimal system instead of degree, minute and second and if the decimals are converted it converted into minutes and second, all latitudes and longitudes in the quarry plan and also NoCs issued will coincide each other.

Further, this is a fresh proposal involving building stone mining in Government land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept.,. The lease has been notified on 30-6-2014.

As seen from the quarry plan there is a level difference of 8 meters within the mining area and taking this into consideration the committee opined that proposed quantity of 20,879 cum or 55,539 tons can be mined safely and scientifically to a quarry pit depth of 6 meters for a plan period of five years.

As per the extended cluster sketch approved by DMG there are three leases including this lease within the 500 meter radius, the total area of these leases is 3.45 Acres which being less than the threshold limit of 5 Ha., the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 500 meters 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 Uchangidurga kere which is at a distance of 2.60 KM from the lease area.

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

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

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

**229.66 Proposed Building Stone Quarry Project at Sy.No.11/B(P) of Uchangidurga Village, Harappanahalli Taluk, Davanagere District an area of 1-05 Acre By Smt. Channamma (SEIAA 397 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	Smt Channamma W/O Basavaraju Uchangidurga Village Harapanahalli Taluk, Davanagere District.	
2	Name & Location of the Project	<i>Applied</i> Uchangidurga <i>Building Stone Quarry</i> Survey Nos. 11/B(P), Uchangidurga Village, Harapanahalli Taluk & Davanagere District of Karnataka State.	
3	Co-ordinates of the Project Site	Lattitude	Longitude
		N14°57' 7.93"	E76°03' 5.07"
		N14°57' 7.65"	E76°03' 5.44"
		N14°57' 6.59"	E76°03' 5.67"
		N14°57' 6.80"	E76°03' 5.26"
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	NA	
8	Area in Ha	1.05 Acre (0.42 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	Max-12622 TPA, Min -9448 TPA	
12	Quantity of Topsoil/Over burden in cubic meter	Nil.	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Min-664TPA and Max- 2362 TPA.	
14	Project Cost (Rs. In Crores)	10 Lakh	
15	Environmental Sensitivity		
	a. Nearest Forest	Uchangidurga forest-0.15km.	
	b. Nearest Human Habitation	Uchangidurga - 2.5km	
	c. Educational Institutes, Hospital	Harapanahalli-25 km	
	d. Water Bodies	Harapanahalli water pond- 25km	
	e. Other Specify	Nil	

16	Applicability of General Condition of the EIA Notification, 2006		NA	
17	Details of Land Use in A-G			
	a.	Area for Mining/ Quarrying	0-27	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	0-01	
	g.	Safety Zone/Green Belt Area	0-17	
	h.	Unexplored area	--	
	i.	Others Specify Safety Zone	--	
18	Method of Mining/ Quarrying		Semi Mechanised Quarrying	
19	Water Requirement			
	a.	Source of water	Near By Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppression	5.00
			Domestic	1.00
			for plantation	1.50
			<b>Total</b>	<b>7.50</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 227<sup>th</sup> meeting held on 24-7-2019 to provide clarification/additional information.

As seen from the records there is a difference of 23<sup>1</sup> in the coordinates recorded in the quarry plan and combined sketch for which the proponent has stated that he will come back with proper clarification. Hence the committee could not proceed with the appraisal and decided to defer the subject.

The proponent has submitted the clarification vide letter dated:30-7-2019 and the same was placed before the committee for perusal.

The committee noted that the proponent has made out an application stating that the latitudes and longitudes of quarry plan were recorded in the decimal system instead of degree, minute and second and if the decimals are converted it converted into minutes and second, all latitudes and longitudes in the quarry plan and also NoCs issued will coincide each other.

Further, this is a fresh proposal involving building stone mining in Government land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept.,. The lease has been notified on 30-6-2014.

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 proposed quantity of 23,865 cum or 63,481 tons can be mined safely and scientifically to a quarry pit depth of 6 meters for a plan period of five years.

As per the extended cluster sketch approved by DMG there are three leases including this lease within the 500 meter radius, the total area of these leases is 3.45 Acres which being less than the threshold limit of 5 Ha., the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

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

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

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

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

**229.67** Ammendment in Environmental Clearance to include Red Category Industries at Dobaspet 4th Phase Industrial Area in the Villages of Yedehalli, Chandana Hosahalli, Honnenahalli, Kengal Kempohalli, Avverahalli, K.G.Srinivasapura, Billanakote, Nelamangala Taluk, Bangalore Rural District **by KIADB-DABASPET - NELAMANGALA (SEIAA 20 IND 2017)**

The Proponent has obtained Environmental Clearance for the above said proposal on 27-08-2015, and is seeking ammendment to EC to include Red category industries at Dobaspet 4<sup>th</sup> phase Industrial Area. As per the TGR Notification, Dated:18-11-2003, the entire area of Dobaspet 4<sup>th</sup> phase falls under Zone-I.

In this regard, the Proponent has applied for EC ammendment. The proponent and Environmental consultant attended the meeting of SEAC to provide required clarification/additional information.

While appraising the proposal the proponent has stated that the lands for this project have been acquired beyond 100 meters from the habitat as per the guidelines of C&I Department. The proponent has also stated that in case of water bodies the lands



have been acquired up to the edge of water bodies and while preparing the development plan, he has left buffer as per NGT order of dated: 4<sup>th</sup> May 2016. The committee deliberated on the siting guidelines for setting up of Red category industries and found that the proponent has failed to furnish the required information.

The proponent also submitted that while allotting land to the industries they will impose conditions to compulsorily install effluent treatment plant with zero liquid discharge, to maintain the air emission within the prescribed standards of the Central Pollution Control Board and to dispose the hazardous waste such as ETP sludge etc., to the authorised processing agencies.

In the light of the above observations, the committee decided to recall the proponent after submission of the following information.

- 1) To furnish the information to meet the siting guidelines for setting up of Red category industries as stipulated by MoEF & CC/CPCB.
- 2) The actual distance between the habitat(minimum/maximum distance) and the acquired lands is to be assessed properly and submitted.
- 3) If any expansion of the village beyond the gramathana limits has taken place, the same has to be reported citing maximum and minimum distances from the expanded portion.
- 4) The list and nature of industries for which the land has been allotted with the pollution potential is to be submitted.
- 5) Baseline studies should be made afresh and to be submitted.
- 6) Submit the compliance to the earlier EC issued.

The proponent has submitted the replies vide letter dated:5-3-2018

The subject is placed before the committee for appraisal.

The Proponent and NABET Accredited Consultant M/s. ABC Techno Labs India Pvt Ltd., Chennai(represented by Sri. Rajendran) attended the meeting to provide clarification/additional information.

The committee perused the reply submitted by the proponent and observed the following:

- 1) The proponent has failed to furnish the information regarding meeting the siting guidelines for establishing Red category industries as stipulated by MoEF & CC /CPCB.
- 2) Non compliance of the earlier E.C conditions dated 27-8-2015, particularly the establishment of CETP.



The Committee after discussion decided to appraise the proposal as B1 and had decided to recommend the proposal to SEIAA for issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 along with relevant guidelines. The committee also decided to prescribe the following additional ToRs:

- 1) The types of red category industries, area earmarked for red category industries with due justification, their pollution potential such as water intensive, air polluting, engineering industries, different infrastructure provided, pollution control/mitigation measures proposed including green belt development.
- 2) Measures proposed to ensure the water flow to the T.G Halli reservoir remains unaltered qualitatively and quantitatively.
- 3) Details of the area covered under T.G Halli Notification duly marking it on the proposed layout plan.
- 4) Impact of the proposed activity on the farming community.
- 5) Full compliance to earlier E.C conditions along with certified report of the status of compliance of the condition stipulated in the EC from the Regional officer, MoEF, GOI.

Accordingly ToRs were issued on 3-4-2018. The proponent has submitted the EIA report on 5-4-2019.

The EIA report was placed before the committee for Appraisal. The proponent and Environment Consultant attended the 222<sup>nd</sup> meeting held on 10-5-2019 for EIA appraisal.

As seen from the documents submitted, the concerns expressed by the public during public hearing have not been addressed properly that too the concerns pertaining to environmental concerns are to be reasoned out properly for this the proponent has agreed to come back after addressing these concerns effectively. Hence the committee decided to defer.

The proponent has submitted the replies vide letter dated:11-6-2019. The proponent was invited for the 228<sup>th</sup> meeting to provide additional clarification. The proponent has requested for more time to make a presentation.

Hence the committee decided to defer the subject.

The proponent and Environment Consultant attended the 229<sup>th</sup> meeting held on 28<sup>th</sup> August 2019 to provide required clarification. The committee noted that as far as the foul smell emanating in the surroundings as expressed by the public, the KIADB has said that this foul smell emanation is from M/s. Ramky Hazardous Waste processing unit which is located in other phase of Dabaspeta and not connected to this layout and KIADB has given an undertaking that they will initiate suitable action if they found any lapses in the operation of the unit.

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

- 1) List the status of fauna and flora found within 10 KMs aerial distance/15 KMs study area as per IUCN and wildlife (protection) Act 1972 and if there are any schedule-I and RET species prepare Biodiversity protection and conservation action plan in consultation with Forest Authorities and submit along with budget and to implement in a time bound.

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

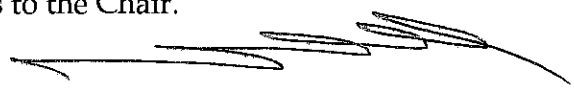
**229.68** Proposed Building Stone Quarry Project at Sy.No.19(P) of Beeranahalli Village, Kadur Taluk, Chikkamagalur District (25-00 Acres) By Sri A.M. Deepak Chandra(SEIAA 593 MIN 2019)

The Committee perused the proposal considering Form-I, Prefeasibility Report, Approved quarry plan and other documents submitted by the proponent. The committee noted that the lease area is 25 Acres which is more than the threshold limit of 5 Ha.

Hence, the committee decided to categorise this proposal as B1 and had decided to recommend the proposal to SEIAA for issue Standard ToRs for conducting EIA study in accordance with EIA Notification 2006 along with relevant guidelines.

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

The meeting concluded with thanks to the Chair.



Chairman, SEAC  
Karnataka.