

Proceedings of the 219th SEAC Meeting held on 25th, 26th & 27th March 2019

25th March 2019

Members present in the meeting

MS SEIAA
2/4/2019

Shri. N. Naganna	-	Chairman
Shri. B. Chikkappaiah, IFS(R)	-	Member
Dr. N. Krishnamurthy	-	Member
Dr. M.I. Hussain	-	Member
Dr. K.B Umesh	-	Member
Shri. Vyshak V. Anand	-	Member
Shri. D. Raju	-	Member
Shri Venugopal .V	-	Member
Shri Mohammed Saleem I Shaikh	-	Member
Shri. VijayaKumar, 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 pertaining to all the subjects to be appraised in the 219th 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. The observation and decision of the Committee are recorded under each of the agenda items.

The committee perused the proceedings of 218th SEAC meeting held on 11th, 12th and 13th March 2019 and noted that inadvertently some discrepancies have crept into the proceedings drawn up for subject No.218.18 in page No.48 para-2,3,4,5,6 & 7 and decided to delete the discrepancies and to recommend for issue of EC as this proposal is for fresh quarry lease and the above deleted paras are not applicable in this case and confirmed the same.

219-A) Site Inspection report by the SEAC Committee of M/s. Doddanavar Brothers at Hiremagi-Ramthal and Hiremagi-Sulebhavi villages, Hungund Taluk, Bagalkot District.

The Inspection report of the Proposed Hiremagi-Ramthal Iron Ore Mine Project in M.L.No.2394 at Sy.Nos. Hiremagi F.S.No.65 & Ranthal F.S.No.116, Govt. Forest Land of Hiremagi-Ramthal Villages, Hungund Taluk, Bagalkot District (39.20 Ha) By Sri Doddanavar Brothers(SEIAA 67 MIN (VIOL) 2018) and Proposed Hiremagi-Sulebhavi-Aihole Iron Ore Mine Project (Old M.L.No.2395 and New M.L. No.2649) at Hiremagi F.S, Sulebhavi F.S.No.367, Aihole F.S.No.166, Hiremagi-Sulebhavi-Aihole Villages, Hungund Taluk, Bagalkot District (30.33 Ha) By Sri Doddanavar Brothers (SEIAA 68 MIN (VIOL) 2018) was placed before the committee for deliberation and the committee approved the report. The site inspection was conducted by the committee on 15-3-2019. The inspection report is appended with the proceedings separately.

The committee decided to forward the inspection report to the SEIAA for issuing site specific additional ToRs to the respective Mines.

25th March 2019

Fresh subjects

219.1 Proposed Neeralgi Ordinary Sand Quarry Project at Sy.Nos.56(P) & 57(P) of Neeralgi Village, Badami Taluk, Bagalkote District (6-11 Acres) (2.539 Ha.) By Sri Shrikanth G Sulibhavi (SEIAA 67 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Shrikanth G Sulibhavi S/o Gurappa Sulibhavi, Rudgi, Bijapur, Bijapur District-586116
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 6-11 Acres (2.539 Hectares) in Patta Land at Sy. No. 56(P)& 57(P) of Neeralgi Village, Badami taluk, Bagalkote district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15° 50' 05.1" to N 15°50' 08.5" Longitude: E75°39' 34.3" to E75°39' 33.6"
4	Type of Mineral	Ordinary Sand Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	2.539 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	5.50m
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 quarry pits in case of ongoing/expansion/modification	Fresh Land

	of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	65,481 Tons/ annum	
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 0.5m and Sand upto a depth of 5.0m	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	17,695 TPA	
16	Project Cost (Rs. In Crores)	1.86 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Mallapura Reseved Forest -4.0 kms(N)	
	b. Nearest Human Habitation	NeeralgiVillage - 0.35 kms(NE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.	
	d. Water Bodies	Malaprabha River - 0.54 kmsS	
	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	5-03	
	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	1-08	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
		Domestic	0.9 KLD
		Other	1.8 KLD
		Total	6.2 KLD
23	Storm water management plan	<ul style="list-style-type: none"> • Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and 	

	sediments from the lease area during heavy rainy season
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The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent was invited for the 219th meeting held on 25-3-2019 to provide required clarification. The proponent during the meeting has submitted a letter intimating that they are withdrawing the EC application due to some personal reasons.

Hence, the committee decided to send the file to the authority for closure and delist from pendency .

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

219.2 Proposed Building Stone Quarry Project in Govt. Land at Sy.No.404 of Yalagadahalli Village, ChikkaballapuraTaluk& District (Q.L.No.195) (1-10 Acres) By Sri J.P. Prakash (SEIAA 68 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Prakash J P, No. 687, E W S , 4th Phase, 2nd Cross, Yalahanka New Town, Bengaluru - 64.
2	Name & Location of the Project	Building Stone Quarry over an extent 1-10 Acres (0.5058 Hectares) in Government Land at Sy. No. 404(P)of YalagadahalliVillage, Chikkabalapurataluk, Chikkabalapurdistrict, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13 ⁰ 36' 29.5" Longitude:E77 ⁰ 46' 50.9"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal(QL No.195)
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	0.354 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be	NA

	removed	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	858.0m Existing Pit Level.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	37,000Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	625tons/ annum
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	9,250 Tons
16	Project Cost (Rs. In Crores)	2.90 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest -5.20 Kms(S)
	b. Nearest Human Habitation	Yalagadahalli Village -1.10 Kms (S)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande.
	d. Water Bodies	Adegarahalli Lake - 3.15 Kms (S) Jonnulakunte Pond - 2.35 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	0-35
	b. Waste Dumping Area	0-10
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	--
	e. Infrastructure Area	--
	f. Road Area	--
	g. Green Belt Area/Buffer Zone	0-05
	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	6.5 KLD
			Domestic	2.15 KLD
			Other	5.06 KLD
			Total	13.71KLD
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 219th meeting held on 25-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for the same was executed during the year 23-8-2011 and is lease is valid upto 2021 and the proponent has stated that as per the ammendments to KMMC rules the lease period will automatically gets extended to 2031. The proponent has stated that he has applied for EC to SEIAA during the year 2015 and SEAC during its appraisal noticed that the total area of the mining leases within the 500 meter radius from this proposal is exceeding the then threshold of 25 Ha and classified it as B1 category and recommended for issue of ToRs. Subsequent to this, MoEF has clarified in its notification dated: 1-7-2016, that the quarry leases granted earlier to 9-9-2013 and the quarry leases for which EC was issued earlier to 15-1-2016 are exempted from cluster effect and consequent to this the proponent has made out an application to DEIAA and subsequently DEAC appraised this proposal and noted that the proponent has carried out mining in violation of the Hon'ble NGT order dated:13-1-2015 for which the proponent has stated that this observation by DEAC is on the wrong premise and he has produced recent audit report dated 23-1-2019 in which it is mentioned that no mining activity has been carried out during 2015-16 and 2016-17 and the mining to an extent 15,000 tons was carried out during 2014-15 and as per the same report total quantity mined since the beginning is 16,300 tons. In view of the above facts the committee decided to categorize this proposal under B2 category and proceeded with the appraisal accordingly

As per the quarry plan there is a level difference of 12 meter within the mining area and taking this into consideration committee opined that the 80% of the proposed quantity can be mined scientifically and safely with a quarry pit depth of 15 meters. The proponent has stated that there is an existing cart track road to length of 620 meters connecting this quarry to the NH-7 and running in the Govt. land for which the proponent has stated that he has obtained permission from the Govt. to utilize this

road. The proponent has also stated that as per baseline data no parameters are exceeding the limits.

In view of the above committee decided to recommend for issue of Environment Clearance restricting the quantity to 80% and subject to the condition that he will get the clarification regarding reports submitted earlier to DEIAA and the latest report submitted during the appraisal to the authority. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.3.0 lakhs under CER.

The committee also imposed the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.3 Proposed Building Stone Quarry Project in Govt. Revenue Land at Sy.No.168(P) of Varlakonda Village, Chikkaballapura Taluk & District (Q.L.No.182) (0-20 Acres) By M/s. Anil Metal Crusher (SEIAA 69 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Anil Metal Crusher, Partner: B Venkatanarayan Reddy, S/o Bala Venkata Reddy, #3-8-141-1, 3-7-1 to 3-10-228, Bakarapuram, Pulivendal Mandal, Kadapa District, Andhra Pradesh
2	Name & Location of the Project	Building Stone Quarry over an extent 0-20 Acres in Government Land at Sy. No. 168(P) of Varlakonda Village, Gudibandetaluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13° 36' 39.1" Longitude: E77° 45' 48.6"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New

6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.202 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	865m Existing Pit Level.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,906Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	800 cubic meter
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	765 Tons
16	Project Cost (Rs. In Crores)	0.20 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest - 4.80 Kms(S)
	b. Nearest Human Habitation	Peresandra Village - 2.70 Kms (S)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Peresandra.
	d. Water Bodies	Someswara Lake - 2.8 Kms (NE) Varlakonda Pond - 3.30 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	0-04
	b. Waste Dumping Area	0-01
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	0-01

	e.	Infrastructure Area	--	
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	0-14	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Manual Method Quarring	
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	6.5 KLD
			Domestic	1.8 KLD
			Other	0.4 KLD
			Total	8.7KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

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

The Proponent and Environment Consultant attended the 219th meeting held on 25-3-2019 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 for 0 Acres 20 guntas of quarry area. The proponent has stated that he will undertake mining by manual methods and not going for semi mechanised or mechanized mode of mining. The mining lease was granted during the year 2006 and proponent has stated that he has operated the mining from 2008 to 2015 and mined 21,000 tons of building stone. The proponent has stated that he has been exempted from the cluster effect since the mining lease was prior to 9-9-2013. The proponent has also stated that no fresh leases were granted after 15-1-2016. However as per the cluster sketch furnished by the DMG one lease was granted during March 2016 for which proponent has stated EC was issued prior to 15-1-2016 and exempted from cluster effect. As per the baseline data furnished the proponent has stated that no parameter is exceeding the permissible limit.

As seen from the quarry plan approved the area for mining is only 4 guntas after leaving 7.5 meter buffer zone. The proponent also stated that he has mined already 21,000 tons or 8,000 cum. Keeping this in view, committee opined that no further

mining can be taken up scientifically and safely. Hence the committee after discussion decided to recommend the file for closure.

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

219.4 Proposed Building Stone Quarry Project in Govt. Revenue Land at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk & District (Q.L.No.29) (4-00 Acres) By M/s. Sri Vinayaka Rock Crystal (SEIAA 70 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Vinayaka Rock Crystals Sy. No. 39, Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District 562101
2	Name & Location of the Project	Building Stone Quarry over an extent 4-00 Acres in Govt Revenue Revenue Land at Sy No: 39, Kanivenarayanapuravillage, Chikkabalapur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 24' 14.9" Longitude:E 77° 40' 01.1"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing
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	1.618 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	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	1001.10 m from the Existing pit Level

	river sand			
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		4,00,000 Tons/ annum	
14	Quantity of Topsoil/Over burden in cubic meter		12,138 Cu.m	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		105,260 Tons	
16	Project Cost (Rs. In Crores)		15.18 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Narasimhadevarabetta Reserved Forest -0.55 km (N)	
	b.	Nearest Human Habitation	Kanivenarayanapura-0.85 Kms(SE)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura	
	d.	Water Bodies	Kanvinarayanapura Pond -0.4Kms(S)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	3-02	
	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	0-28	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.5 KLD
			Domestic	1.89 KLD
			Other	2.00 KLD
			Total	14.39 KLD
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 proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The proponent was invited for the 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent and submitted a letter dated:15-3-2019 intimating that they are currently applying for DGMs approval for getting common boundary buffer exemption of their 3 quarries and will not be able to attend meeting.

Hence, the committee after discussion decided to defer the subject.

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

219.5 Proposed Building Stone Quarry Project in Govt. Revenue Land at Sy.No.20 of Munthakadirenahalli Village, Chinthamani Taluk & Chikkaballapura District (4-00 Acres) By M/s. Beereswara Swamy Jelly Crusher (SEIAA 71 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Beereswara Swamy Jelly Crusher, Prop. Lakshminarayanappa, Ward no.25, NNT Layout West, Near KGN High School, Chinthamani Taluk, Chikkaballapura District.
2	Name & Location of the Project	Over an extent of 4-00 Acres under (Government Revenue Land) Sy No: 20, Munthakadirenahalli Village, Chinthamani Taluk, Chikkaballapur District, Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 26' 14.6" Longitude:E 78° 02' 43.2"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No

8	Area in Ha	1.618 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	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	2,00,000 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	There is 1m topsoil Available in this area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	52,630 Tons
16	Project Cost (Rs. In Crores)	3.95 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Konapalli Reserved Forest -2.10 Kms(SW)
	b. Nearest Human Habitation	Munthakadirenahalli - 0.97 Kms(SE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chinthamani
	d. Water Bodies	Chokkanahlli Pond - 1.23 Kms (SW) Chinthamani Lake- 1.90 Kms (S)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	3-10
	b. Waste Dumping Area	--
	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	0-22
	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	10.2 KLD
		Domestic	1.8 KLD
		Other	0.84 KLD
		Total	12.84 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 meeting to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the Notification for grant of lease was issued on-4-6-2018 after obtaining Forest and Revenue clearances. The proponent has stated that he has applied to DEIAA for obtaining EC but no action has been taken in this regard by DEIAA. In the meantime due to change of policy the proponent has stated that he has applied for SEIAA to obtain EC. The proponent has stated that there are no other quarries in the 500 meter radius from this quarry and letter to this effect issued by the DMG has also been furnished during the meeting. As far as approach road is concerned the proponent has stated that there is an existing cart track road from the quarry boundary and runs to a length of 1.8 KM and joins all weather road at that point. The proponent has stated since this is a exposed solid rock the greenery cannot be taken in the lease area and the same will be compensated by taking up greenery all along the 1.8 KM cart track road. As per the baseline data furnished the proponent has stated that all the parameters are within the permissible limits.

As per the quarry plan there is level difference of 18 meters within the mining area and taking this into consideration the committee opined that only 75% of the proposed quantity can be mined scientifically and safely to a quarry depth upto 15 meters. Hence the committee after discussion decided to recommend for issue of Environment clearance restricting the quantity to 75% of the proposed quantity. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.6.0 lakhs under CER.

The committee also imposed the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.6 Proposed Ordinary Sand Quarry Project in patta land at Sy.Nos.18/4 & 22/2 of Gadagoli Village, Ron Taluk, Gadag District (5-10 Acres) By Sri Basanagouda P. Patil (SEIAA 72 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Basanagouda P. Patil, S/o Parvatagouda, Holehadagali village, Ron Taluk, Gadag.
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 5-10 Acres (2.124 Hectares) in Patta Land at in part of Sy. No. 18/4 & 22/2 of Gadagoli Village, Ron taluk, Gadag district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15° 50' 14.60" to N15° 50' 10.59" Longitude: E75° 38' 21.9" to E75° 38' 25.82"
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	2.124 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	3.00m
11	Rate of replenishment in case of river sand mining as specified in	Not Applicable For Patta land

	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		Fresh Land	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		40,163 Tons/annum	
14	Quantity of Topsoil/Over burden in cubic meter		Topsoil 1.0m and Sand upto a depth of 3.0m	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		21,246 TPA	
16	Project Cost (Rs. In Crores)		2.59 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	None Within 5 kms	
	b.	Nearest Human Habitation	Gadagoli - 1.30 Km N	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Ron.	
	d.	Water Bodies	Malaprabha River - 750 mts (S)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	1.556	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	--	
	g.	Green Belt Area/ Buffer Zone	0.568	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.52 KLD
			Domestic	0.50 KLD
			Other	1.5 KLD

		Total	5.52KLD
23	Storm water management plan	<ul style="list-style-type: none"> • Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season 	

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

The Proponent and Environment Consultant attended the meeting 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 in the cluster sketch furnished earlier there were three quarries within the 500 meter radius including this quarry and the total area was exceeding the threshold limit of 5 Ha. Now the proponent has produced revised cluster sketch wherein there are only two quarries including this quarry and combined area of these two quarries is 12 Acres 10 guntas as certified by the DMG and the proponent has stated that this is in consequent to surrender of one quarry lease which was standing in the name of M.M Bellary. Hence the committee decided to take up the appraisal classifying under B2 category and proceeded with the appraisal accordingly.

As per the quarry plan it is observed that there is a irrigation field canal running in between two blocks of the proposed mining. The proponent has stated this being the field canal no service road or inspection path have been formed by the side of the canal and canal meant only for feeding the agriculture land for which no land has been acquired and he has also stated that the 7.5 meter buffer zone left on the either side of the canal will take care that the canal is not disturbed.

The committee noted that the patta land wherein the mining is proposed is 750 meter away from the Malaprabha river. The proponent stated that the dry weather flow of the Malaprabha river is 531 meter and average top level of the sand block is 539 meters and depth of mining including top soil depth of 1 meter is 4.0 meter. Hence the bottom of the mined pit will be at 535 meters i.e.4.0 meter above dry weather flow of Malaprabha river.

The proponent has proposed to take up mining subdividing the lease area into two sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and

filling it in the mined block. The total quantity proposed to be mined over a period of two years is 80,326 tons or 46,700 cum.

The stock yard is situated in Sy.No.22/2 which is adjacent to the lease area which stands in the name of proponent himself. The approach road to a length of 600 meters running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners.

As seen from the approved mining plan and the land area reserved for mining and considering the depth of 3.0 meter the total quantity that can be mined comes to 46,700 cum or 80,326 tons. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.5.0 lakhs under CER.

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

- 1) The overall depth of mining shall not exceed 3.0 meter from the top level at any point of time during the lease period.
- 2) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

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

219.7 Proposed Building Stone Quarry Project in Govt. Revenue Land at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk & District (Q.L.No.30) (4-00 Acres) By M/s. Sri Vinayaka Rock Crystal (SEIAA 74 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Vinayaka Rock Crystals Sy. No. 39, Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District 562101
2	Name & Location of the Project	Building Stone Quarry over an extent 4-00 Acres in Govt Revenue Land at Sy No: 39, Kanivenarayanapuravillage, Chikkabalapur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 24' 15.8" Longitude:E 77° 40' 03.5"

4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing
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	1.618 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	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	1010.10 m from the Existing pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	4,00,000 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	12,138 Cu.m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	105,260 Tons
16	Project Cost (Rs. In Crores)	15.18 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Narasimhadevarabetta Reserved Forest -0.75 km (E)
	b. Nearest Human Habitation	Kanivenarayanapura-0.85 Kms(SE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura
	d. Water Bodies	Kandavara Lake -6.2 Kms(NE) kanivenarayanapura Pond - 0.4Kms(S)
	e. Other Specify	--
18	Applicability of General Condition of the EIA	

	Notification, 2006			
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	3-02	
	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	0-28	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	10.5 KLD
			Domestic	1.89 KLD
			Other	2.00 KLD
			Total	14.39 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 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent and had submitted a letter dated:15-3-2019 by intimating that they are currently applying for DGMs approval for getting common boundary buffer exemption for their 3 quarries and hence will not be able to attend the meeting.

Hence, the committee after discussion decided to defer the subject.

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

219.8 Proposed Building Stone Quarry Project at Sy.No.404(P) of Yalagalhalli Village, Chikkaballapura Taluk & District (Q.L.No.148) (2-20 Acres) By Sri B. Narendra Kumar (SEIAA 75 MIN 2019)

Sl.	PARTICULARS	INFORMATION
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No		
1	Name & Address of the Project Proponent	Sri. B. Narendra Kumar, S/o. B.M. Byrappa Reddy, Beshettyhalli Village, Aruru Post, Chikkaballapura Taluk, Chikkaballapura District, Karnataka.
2	Name & Location of the Project	Building Stone Quarry over an extent 2-20 Acres in Government Land at Sy. No. 404(P) of Yalagadahalli Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13° 36' 15.9" Longitude: E77° 47' 08.6"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing (QL No. 148)
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	1.011 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	849.67m Existing Pit Level.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	40,432 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	1,800 Cu.m
15	Mineral Waste Handled (Metric	10,640 Tons

	Tons/ CUM)/ Annum			
16	Project Cost (Rs. In Crores)		2.90 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Haristala Reserved Forest -3.30 Kms(S)	
	b.	Nearest Human Habitation	Yalagadahalli Village -1.05 Kms (S)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande.	
	d.	Water Bodies	Yalagalahalli Pond - 1.5 Kms(NE) Balaganahalli Pond - 1.2 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	1.75	
	b.	Waste Dumping Area	0.06	
	c.	Top Soil Storage Area	0.02	
	d.	Mineral Storage Area	0.06	
	e.	Infrastructure Area	0.03	
	f.	Road Area	0.05	
	g.	Green Belt Area/ Buffer Zone	0.53	
	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	6.5 KLD
			Domestic	2.15 KLD
			Other	5.06 KLD
			Total	13.71KLD
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 meeting to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease deed for the same was executed during the year 21-4-2011 and this lease is valid upto 2021 and the proponent has stated that as per the amendments to KMMC rules the lease period will automatically gets extended to 2031. The proponent has stated that he has applied for EC to SEIAA during the year 2015 and SEAC during its appraisal noticed that the total area of the mining leases within the 500 meter radius from this proposal is exceeding the then threshold of 25 Ha and classified it as B1 category and recommended for issue of ToRs. Subsequent to this, MoEF has clarified in its Notification dated:1-7-2016 that the quarry leases granted earlier to 9-9-2013 and the quarry leases for which EC was issued earlier to 15-1-2016 are exempted from cluster effect and consequent to this the proponent has made out an application to DEIAA and subsequently DEAC appraised this proposal categorizing this proposal under B2 category and recommended for issue of EC to DEIAA. Further in view of change in policy the proponent has stated that he is making out this application to SEIAA.

As per the quarry plan there is a level difference of 7 meter within the mining area and taking this into consideration committee opined that the proposed quantity of 75,000 cum can be mined scientifically and safely with a quarry pit depth of 15 meters. The proponent has stated that there is an existing cart track road to length of 200 meters connecting this quarry to the NH-7 and running in the Govt. land for which the proponent has stated that he has obtained permission from the Govt. to utilize this road. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.3.0 lakhs under CER.

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

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.9 Proposed Sulla Ordinary Sand Quarry Project in Patta Land at Sy.Nos.144/2 & 145/2 of Sulla Village, Badami Taluk, Bagalkote District (5-08 Acres) By Sri Parashuram B. Tangadagi (SEIAA 76 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Parashuram B Tangadagi Indranagar Talikoti, Talikoti Taluk, Vijayapura District-586214
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 5-08 Acres (2.104 Hectares) in Patta Land at Sy. No.144/2 & 145/2of SullaVillage, Badami taluk, Bagalkote district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15 ⁰ 50' 15.8" to N 15 ⁰ 50' 11.4" Longitude:E75 ⁰ 34' 16.0" to E75 ⁰ 34' 17.3"
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	2.104 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	5.50m
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 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	56,131 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 0.5m and Sand upto a depth of 5.5m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No waste availble
16	Project Cost (Rs. In Crores)	1.86 crores

17	Environmental Sensitivity			
	a.	Nearest Forest	Lakampura Reseved Forest - 2.3 kms(N)	
	b.	Nearest Human Habitation	SullaVillage - 0.4 kms(NW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.	
	d.	Water Bodies	Malaprabha River - 0.53 kmsS	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	4-00	
	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	1-08	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
			Domestic	0.9 KLD
			Other	1.8 KLD
			Total	6.2 KLD
23	Storm water management plan		<ul style="list-style-type: none"> • Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season 	

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

The Proponent and Environment Consultant attended the meeting 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 the application for this proposal was made out to the DEIAA and no action was taken in this regard at the DEIAA level and the proponent has made out an application to the SEIAA for issue of EC in view of the change in policy decision.

This a sand mining proposal in patta land. As per the combined sketch there is another lease within the 500 meter distance from this lease area. The total area of the two mining leases including this mining lease is 10 Acres 8guntas which is less than the threshold limit of 5 Hectares as certified by the DMG. Hence this proposal has been appraised under B2 category and proceeded with the appraisal accordingly.

The committee noted that the patta land wherein the mining is proposed is 140 meter on the left side of the Malaprabhariver. The proponent stated that the dry weather flow of the Malaprabha river is 534 meter and average top level of the sand block is 543 meters and depth of mining including top soil depth of 0.5 meter is 6 meter. Hence the bottom of the mined pit will be at 537 meters i.e.3.0 meter above dry weather flow of Malaprabhariver. As far as the depth of mining is concerned the ground water authority has certified that the ground water table is below 15 meter at the mining area and they have also stated that the depth of sand deposit is for a depth of 15 meter and mining of sand can be carried out to a depth of 6 to 8 meters. However, joint inspection team has stated that the depth of mining is to depth of 5 meters. Considering all these issues, the committee decided to restrict the mining to a depth of 5 meters

The proponent has proposed to take up mining subdividing the lease area into three sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and filling it in the mined block. The total quantity proposed is 99,055 cum or 1,68,393 tons as against this committee decided to restrict the quantity to 80% of the proposed quantity in view of the depth restriction.

The stock yard is situated in Sy.No.145/1 which is adjacent to the lease area and the proponent has entered into an MOU with the owner of this land. The approach road to a length of 750 meters running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.4.0 lakhs under CER.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance restricting the quantity to 80% of the proposed quantity and with the following conditions:

- 1) The overall depth of mining shall not exceed 5.0 meter from the top level of the sand deposit at any point of time during the lease period.
- 2) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

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

219.10 Proposed Sulla Ordinary Sand Quarry Project in Patta Land at Sy.No.140/3A(P) of Sulla Village, Badami Taluk, Bagalkote District (5-00 Acres) By Sri Ravichandra Gouda M Patil (SEIAA 77 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Ravichandra Gouda M Patil S/o Mallikarjun Gouda, Killa Oni, Ward No. 1, Ilkal Rural, Hunagund taluk, Bagalkot District-587125
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 5-00 Acres (2.023 Hectares) in Patta Land at Sy. No. 140/3A(P) of Sulla Village, Badami taluk, Bagalkote district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15° 50' 00.4" to N 15°49' 52.1" Longitude: E75°34' 14.4" to E75°34' 09.2"
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	2.023 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	5.50m
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 quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	50,511 Tons/ annum	
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 1.00m and Sand upto a depth of 5.0m	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	There is no waste available in this area.	
16	Project Cost (Rs. In Crores)	1.86 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Lakmapura Reserved Forest -3.0 kms(N)	
	b. Nearest Human Habitation	Sulla Village - 1.00 kms(NE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.	
	d. Water Bodies	Malaprabha River - 0.52 kmsS	
	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	3-36	
	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	1-04	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
		Domestic	0.9 KLD
		Other	1.8 KLD
		Total	6.2 KLD
23	Storm water management plan	• Drains will be constructed along the	

		boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season
--	--	--

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

The Proponent and Environment Consultant attended the meeting 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 the application for this proposal was made out to the DEIAA and no action was taken in this regard at the DEIAA level and the proponent has made out an application to the SEIAA for issue of EC in view of the change in policy decision.

This a sand mining proposal in patta land. As per the combined sketch there is another lease within the 500 meter distance from this lease area. The total area of the two mining leases including this mining lease is 10 Acres 8 guntas which is less than the threshold limit of 5 Hectares as certified by the DMG. Hence this proposal has been appraised under B2 category and proceeded with the appraisal accordingly.

The committee noted that the patta land wherein the mining is proposed is 85 meter on the right side of the Malaprabha river. The proponent stated that the dry weather flow of the Malaprabha river is 531meter and average top level of the sand block is 541 meters and depth of mining proposed including top soil depth of 0.5 meter is 6.0 meters. Hence the bottom of the mined pit will be at 535meters i.e.4.0 meter above dry weather flow of Malaprabha river. As far as the depth of mining is concerned the ground water authority has certified that the ground water table is below 25 meter at the mining area and they have also stated that the mining of sand can be carried out to a depth of 8 to 10 meters. However, joint inspection team has stated that the depth of mining is to a depth of 5.0 meters from the top of the sand deposit. Considering all these issues, the committee decided to restrict the mining to a depth of 5 meters

The proponent has proposed to take up mining subdividing the lease area into three sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and filling it in the mined block. The total quantity proposed is 89,138 cum or 1,54,533 tons as against this committee decided to restrict the quantity to 80% of the proposed quantity in view of the depth restriction.

The stock yard is situated in Sy.No.140/3B which is adjacent to the lease area and the proponent has entered into an MOU with the owner of this land. The approach road to a length of 750 meters running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners. As per the baseline data furnished the proponent has stated that no parameter is exceeding the permissible limit. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.4.0 lakhs under CER.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance restricting the quantity to 80% of the proposed quantity and with the following conditions:

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 3) The overall depth of mining shall not exceed 5.0 meter from the top level of the sand deposit at any point of time during the lease period.

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

219.11 Proposed Sulla Ordinary Sand Quarry Project in Patta Land at Sy.Nos.110, 111, 102 & 101/1, 2, 3 of Sulla Village, Badami Taluk, Bagalkote District (8-15 Acres) (3.35 Ha.) By Sri Praveen S. Patil (SEIAA 78 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Praveen S Patil S/o Basangouda Patil, Bilagi, Bagalkote-586124
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 8-15 Acres (3.35 Hectares) in Patta Land at Sy. No. 110, 111, 102 & 101/1,2,3 of Sulla Village, Badami taluk, Bagalkote district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15 ^o 50' 06.5" to N 15 ^o 50' 05.0" Longitude: E75 ^o 35' 07.4" to E75 ^o 35' 07.2"
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	3.35 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	5.50m
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 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	84,558 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 0.5m and Sand upto a depth of 5.5m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No waste available
16	Project Cost (Rs. In Crores)	2.89 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Lakampura Reseved Forest - 2.45 kms(N)
	b. Nearest Human Habitation	SullaVillage - 1.00 kms(W)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.
	d. Water Bodies	Malaprabha River - 70 mts N
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	6-38
	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	1-17	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20		Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation	
21		Rate of Replenishment in case River sand project	NA	
22		Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
			Domestic	0.72 KLD
			Other	4.2 KLD
			Total	6.72 KLD
23		Storm water management plan	<ul style="list-style-type: none"> • Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season 	

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

The Proponent and Environment Consultant attended the meeting 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 third quarry lease in Sulla village and the proponent has stated that this lease area is more than 1000 meters away from the other two leases and hence do not form a cluster with other leases for which the proponent has also stated that he has obtained a certificate from DMG stating that there are no other sand mining leases within the 500 meter from this lease area. As stated by the proponent the application for this proposal was made out to the DEIAA and no action was taken in this regard at the DEIAA level and the proponent has made out an application to the SEIAA for issue of EC in view of the change in policy decision.

This is sand mining in patta land and as per the combined sketch there are no other leases within the 500 meter distance from this lease area. Hence this proposal has been categorized under B2 category and proceeded with the appraisal accordingly.

The committee noted that the patta land wherein the mining is proposed is 70 meter on the right side of the Malaprabha river. The proponent stated that the dry weather flow of the Malaprabha river is 533meter and average top level of the sand

block is 543 meters and depth of mining proposed including top soil depth of 0.5 meter is 6.0 meters. Hence the bottom of the mined pit will be at 537 meters i.e. 4.0 meter above dry weather flow of Malaprabha river. As far as the depth of mining is concerned the ground water authority has certified that the ground water table is below 20 meter at the mining area and they have also stated that the mining of sand can be carried out to a depth of 6 to 8 meters. However, joint inspection team has stated that the depth of mining is to a depth of 5.0 meters from the top of the sand deposit. Considering all these issues, the committee decided to restrict the mining to a depth of 5 meters

The proponent has proposed to take up mining subdividing the lease area into three sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and filling it in the mined block. The total quantity proposed is 1,49,220 cum or 2,53,674 tons as against this committee decided to restrict the quantity to 90% of the proposed quantity in view of the depth restriction.

The stock yard is situated in Sy.No.102 & 101 which is adjacent to the lease area and the proponent has entered into an MOU with the owner of this land. The approach road to a length of 600 meters running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.6.0 lakhs under CER.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance restricting the quantity to 90% of the proposed quantity and with the following conditions:

- 1) The overall depth of mining shall not exceed 5.0 meter from the top level of the sand deposit at any point of time during the lease period.
- 2) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 3) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.

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

219.12 Proposed Neeralgi Ordinary Sand Quarry Project in Patta Land at Sy.Nos.61 (P) & 55 (P) of Neeralgi Village, Badami Taluk, Bagalkote District (8-22 Acres) (3.46 Ha.) By Sri Rajesh B. Shiragumpi (SEIAA 79 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Rajesh. B. Shiragumpi Hole Alur Village, Ron Taluk, Gadag District
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 8-22 Acres (3.46 Hectares) in Patta Land at Sy. No. 61(P) & 55(P) of Neeralgi Village, Badami taluk, Bagalkote district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15° 50' 12.7" to N 15°50' 04.0" Longitude: E75°39' 48.0" to E75°39' 42.0"
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	3.46 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	5.00m
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	Not Applicable For Patta land
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	79,092 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 1.00m and Sand upto a depth of 5.0m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No reduction of waste
16	Project Cost (Rs. In Crores)	2.62 crores
17	Environmental Sensitivity	

	a.	Nearest Forest	Thaminal Reserved Forest - 2.00 kms(N)	
	b.	Nearest Human Habitation	NeeralgiVillage - 0.35 kms(NW)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.	
	d.	Water Bodies	Malaprabha River - 0.75 kmsSE	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Hectars			
	a.	Area for Mining/ Quarrying	2.791	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	--	
	g.	Green Belt Area/ Buffer Zone	0.671	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
			Domestic	0.9 KLD
			Other	1.8 KLD
			Total	6.2 KLD
23	Storm water management plan		<ul style="list-style-type: none"> • Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season 	

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

The Proponent and Environment Consultant attended the meeting 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 sand mining proposal in the patta land. As per the location map there are two quarries separated less than 500 meters. The total area of these two quarries comes to 14 Acres 33 guntas which is more than the threshold limit of 5 Ha. During appraisal a letter from one Sri. Srikantsulibhavi has been received stating that he is withdrawing his application. Consequent to this the remaining quarry lease area being less than the threshold limit of 5 Ha this project has been categorized under B2 category and proceeded with appraisal accordingly. As stated by the proponent the application for this proposal was made out to the DEIAA and no action was taken in this regard at the DEIAA level and the proponent has made out an application to the SEIAA for issue of EC in view of the change in policy decision.

The committee noted that the patta land wherein the mining is proposed is 750 meter on the left side of the Malaprabha river. The proponent stated that the dry weather flow of the Malaprabha river is 528 meter and average top level of the sand block is 537 meters and depth of mining proposed including top soil depth of 1.0meter is 6.0 meters. Hence the bottom of the mined pit will be at 531meters i.e.3.0 meter above dry weather flow of Malaprabha river. As far as the depth of mining is concerned the depth considered is 5 meter as per the report of joint inspection team and the same has been adopted while preparing the quarry plan.

The proponent has proposed to take up mining subdividing the lease area into three sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and filling it in the mined block. The total quantity proposed is 1,39,575 cum or 2,32,276 tons.

The stock yard is situated in Sy.No.55 which is adjacent to the lease area and the proponent has entered into an MOU with the owner of this land. The approach road to a length of 450 meters running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners. As per the baseline data furnished the proponent has stated that no parameter is exceeding the permissible limit. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.5.0 lakhs under CER.

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

- 1) The overall depth of mining shall not exceed 5.0 meter from the top level of the sand deposit at any point of time during the lease period.

- 2) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.

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

219.13 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.168(P) of Varlakonda Village, Gudibande Taluk, Chikkaballapura District (Q.L.No.181) (4-20 Acres) By M/s. Anil Metal Crusher (SEIAA 80 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Anil Metal Crusher, Partner: B Venkatanarayan Reddy, S/o Bala Venkata Reddy, #3-8-141-1, 3-7-1 to 3-10-228, Bakarapuram, Pulivendal Mandal, Kadapa District, Andhra Pradesh
2	Name & Location of the Project	"Building Stone Quarry" over an extent of 4-20 Acres at Sy No: 168(P), Varlakonda Village, Gudibande Taluk, Chikkaballapura District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 36' 39.3" Longitude: E 77° 46' 51.2"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QI No 181)
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	1.821Ha
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	867.6m Existing Pit Level.	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,03,607 Tons/annum	
14	Quantity of Topsoil/Over burden in cubic meter	2,088 cubic meter	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	27265 Tons	
16	Project Cost (Rs. In Crores)	0.20 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Haristala Reserved Forest - 4.80 Kms (S)	
	b. Nearest Human Habitation	Varlakonda Village - 2.50 Kms (NE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande.	
	d. Water Bodies	Someswara Lake - 2.8 Kms (NE) Varlakonda Pond - 3.30 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	3-16	
	b. Waste Dumping Area	0-03	
	c. Top Soil Storage Area	--	
	d. Mineral Storage Area	0-03	
	e. Infrastructure Area	0-01	
	f. Road Area	0-04	
	g. Green Belt Area/ Buffer Zone	0-33	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanized Method Quarring	
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: Tanker Supply	
	b. Total Requirement of Water in KLD	Dust Suppression	4.1 KLD
		Domestic	1.35 KLD

		Other	1.1 KLD
		Total	6.55KLD
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 meeting to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease deed for the same was executed during the year 7-12-2005 and this lease is expired in the year 2015 and the proponent has stated that he has made out this application to get the extension of lease period for a period of further 10 years as per the KMMC rules(deemed extension of 10 years). The proponent has stated that he has applied for EC to SEIAA during the year 2015 and SEAC during its appraisal noticed that the total area of the mining leases within the 500 meter radius from this proposal is exceeding the then threshold of 25 Ha and classified it as B1 category and recommended for issue of ToRs. Subsequent to this, MoEF has clarified in its notification dated: 1-7-2016, that the quarry leases granted earlier to 9-9-2013 and the quarry leases for which EC was issued earlier to 15-1-2016 are exempted from cluster effect and consequent to this the proponent has made out an application to DEIAA and subsequently DEAC appraised this proposal and noted that the proponent has carried out mining in violation of the Hon'ble NGT order dated:13-1-2015 for which the proponent has stated that this observation by DEAC is on the wrong premise and he has produced recent audit report dated 5-2-2019 in which it is mentioned that no mining activity has been carried out during 2015-16 and the mining to an extent 55,100 tons was carried out since the beginning upto 2014-15. In view of the above facts the committee decided to categorize this proposal under B2 category and proceeded with the appraisal accordingly.

As per the quarry plan there is a level difference of 16 meter within the mining area and taking this into consideration committee opined that the proposed quantity can be mined scientifically and safely with a quarry pit depth of 10 meters. The proponent has stated that there is an existing cart track road to a length of 900 meters connecting this quarry to the NH-7 which is a concreted road formed by all the lease holders collectively. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits except the borewell drinking water which is not suitable for drinking since it contains fluoride and higher degree of hardness.

In view of the above committee decided to recommend for issue of Environment clearance for the proposed quarry subject to the condition that he will get the clarification regarding report prepared by DMG and submitted earlier to DEIAA and the latest reports submitted during the appraisal to the authority. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.2.0 lakhs under CER.

The committee also imposed the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.14 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.155) (2-00 Acres) By M/s. Manjunatha Enterprises (SEIAA 81 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Manjunatha Enterprises, Sri. Byregowda Owner, #289, Bettalasuru, Jala Hobli, Bangalore North-562157
2	Name & Location of the Project	Building Stone Quarry over an extent 2-00 Acres in Govt Gomala Revenue Land at Sy No: 39, Kanivenarayanapuravillage, Chikkabalapur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 24' 30.1" Longitude:E 77° 40' 23.9"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing (QL.155)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land

7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	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	1041.0 m from the Existing pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,50,000 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	No top soil is produced in the Project site
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	39,473.60 Tons
16	Project Cost (Rs. In Crores)	2.46 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Narasimhadevarabetta Reserved Forest - 0.10Km (E)
	b. Nearest Human Habitation	Kanivenarayanapura-1.20 Kms(W)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura
	d. Water Bodies	Kanvinarayanapura Pond - 1.20 kms (W) Chikkaballapura - 6.20 Kms(NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-14
	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	0-16	
	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	10.5 KLD
			Domestic	1.81KLD
			Other	1.5 KLD
			Total	13.8 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

The 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 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 the proponent submitted that he is going to withdraw his application and submitted a letter in this regard.

Hence the committee after discussion decided to the recommend the proposal for closure.

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

219.15 Proposed Building Stone Quarry Project in Government Kharabu Land at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk, Chikkaballapura District (4-10 Acres) By Sri A. Rukmangada (SEIAA 82 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Rukmangada, S/o Avalappa, Adegaranahalli Village, Alur Post, Chikkaballapura District, Karnataka

2	Name & Location of the Project	Over an extent of 4-10Acres under (Government Kharabu Land) Sy No: 43, ChikkanagavalliVillage,Chikkaballapura Taluk,Chikkaballapur District,Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 36' 24.7" Longitude:E 77° 46' 03.3"
4	Type of Mineral	Building Stone Quarry
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	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	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,50,602 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0m topsoil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	25,569 Tons
16	Project Cost (Rs. In Crores)	1.42 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest - 4.9 Kms(S)
	b. Nearest Human Habitation	Peresandra Village -2.50 Kms (SE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in

			Chikkaballapura.	
	d.	Water Bodies	Peresandra - 2.5 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	3-10	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	0-02	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-03	
	g.	Green Belt Area/Buffer Zone	0-35	
	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	10.7 KLD
			Domestic	2.4 KLD
			Other	2.38 KLD
			Total	15.10 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 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

219.16 Proposed Building Stone Quarry Project in Government Gomala Land at Sy.No.25 of Kantarlahalli Village, Gudibande Taluk, Chikkaballapura District (Q.L.No.03) (5-00 Acres) By Smt. K. Manjushree (SEIAA 83 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	K. Manjushree, #53, C N Hosuru, Devanahalli Taluk, Bengaluru Rural District, Karnatka-562135
2	Name & Location of the Project	Over an extent of 5-00Acres under (Government Gomala Land) Sy No: 25, Kanthaerlahalli Village, Gudibande Taluk, Chikkaballapur District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 40' 26.34" Longitude: E 77° 44' 19.43"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL 03)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	2.023 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,00,000Tons/ annum

14	Quantity of Topsoil/Over burden in cubic meter	There is 1.0m topsoil Available in this area.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No mineral Waste produced in the area	
16	Project Cost (Rs. In Crores)	1.65 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Beechaganahally Reserved Forest - 4.00 kms (NE)	
	b. Nearest Human Habitation	Kantharahalli Village -0.90 Kms (S)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura.	
	d. Water Bodies	Gudibande-3.30 kms (W)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	1-58	
	b. Waste Dumping Area	--	
	c. Top Soil Storage Area		
	d. Mineral Storage Area	0-08	
	e. Infrastructure Area		
	f. Road Area	0-01	
	g. Green Belt Area/ Buffer Zone	0-35	
	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	10.9 KLD
		Domestic	2.4 KLD
		Other	2.58 KLD
		Total	15.30 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 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

219.17 Proposed Grey Granite Quarry Project at Sy.No.10 of Kammalavarapalli Village Bagepalli Taluk, Chikkaballapura District (2-20 Acres) By Sri A.V. Poojappa (SEIAA 84 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. A V Poojappa, S/o. Venkatappa, Ward No. 07, Near Kottapalya Road, Bagepalli, Chiakkaballapura District, Karnataka
2	Name & Location of the Project	Grey Granite Quarry over an extent 2-20 Acres in Government Land at Sy. No. 10 of Kammalavarapalli Village, Bagepalli Taluk, Chikkaballapura District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13° 48' 40.7" Longitude: E77° 52' 03.2"
4	Type of Mineral	Grey Granite Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.011 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	It's a Grey Granite Quarry

	river sand mining as specified in the sustainable sand mining guideline 2016	
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	4,400 Cu.m per annum
14	Quantity of Topsoil/Over burden in cubic meter	5,200 cubic meter
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	22,000 Cu.m
16	Project Cost (Rs. In Crores)	1.20 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Itikalurga Reserved Forest - 1.36 Kms(E)
	b. Nearest Human Habitation	Kammalavaarapalli- 1.10 Km (N)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Bagepalli.
	d. Water Bodies	Saddupalli Pond - 0.70 Km (E) Malakacheruvu Pond - 1.5 Kms (W)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-17
	b. Waste Dumping Area	0-12
	c. Top Soil Storage Area	0-03
	d. Mineral Storage Area	
	e. Infrastructure Area	
	f. Road Area	0-02
	g. Green Belt Area/Buffer Zone	0-26
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Other than Fully Mechanized Method Open quarrying
21	Rate of Replenishment in case River sand project	NA
22	Water Requirement	
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water
	b. Total Requirement of Water	Dust 6.5 KLD

	in KLD	Suppression	
		Domestic	2.15 KLD
		Other	5.06 KLD
		Total	13.71KLD
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 219th meeting held on 25-3-2019 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, the level difference within the mining area is 19 meters and there is no top soil except some weathered particles deposited in the crevices of the exposed rocky boulders and he has also stated the recovery is 50%. Based on this the recovery of 22,000 cum over a plan period of five years the wastages will be 22,000 cum. The proponent has stated that he has earmarked 12 guntas of land for waste dump and he has also stated that the waste will be utilized as building stone after getting necessary permission from the DMG and this has been reflected in the quarry plan. The approach road from the quarry area to the nearest all weather road is an existing cart road to a length of 1.1 KM which runs in the govt.land, for this the proponent has stated that he will take necessary permission from the revenue authorities and develop this road.

The proponent has also furnished combined sketch prepared by the DMG showing the number of leases within the 500 meter radius and as per this there are no other lease areas within the 500 meter radius. As per baseline studies data all the parameters are within the permissible limits. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.3.0 lakhs under CER.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity with the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.

4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.18 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.404(P) of Yalagadahalli Village, ChikkaballapuraTaluk, Chikkaballapura District (Q.L. No.183) (2-00 Acres) By M/s. Sri Venkateshwara Stone Crusher (SEIAA 85 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Venkateshwara Stone Crusher Partner:Nanji Raja Patel, S/o Raja Patel, Sy. No. 466, Yalagalhalli Vilage, Mandikal Hobli, Chikkaballapur Taluk & Dist. 562104
2	Name & Location of the Project	Building Stone Quarry over an extent 2-00 Acres in Govt Revenue Revenue Land at Sy No: 404, Yalagalhallivillage, Chikkabalapur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 36' 50.50" Longitude:E 77° 47' 05.37"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing
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	0.808 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	865 m from the Existing pit Level

	quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,20,000 Tons/annum	
14	Quantity of Topsoil/Over burden in cubic meter	12,138 Cu.m	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	12,245 Tons	
16	Project Cost (Rs. In Crores)	5.69 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Bichaganahalli Reserved Forest - 6.35 Kms (N)	
	b. Nearest Human Habitation	Yalagarahalli-2.00 Kms(SE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande	
	d. Water Bodies	Yalagarahalli Pond - 0.90 Kms	
	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	0-06	
	d. Mineral Storage Area		
	e. Infrastructure Area		
	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 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	10.5 KLD
		Domestic	1.89 KLD
		Other	2.00 KLD
		Total	14.39 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
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The proposal was placed before the committee for appraisal as per the above furnished information by the proponent.

The Proponent and Environment Consultant attended the 219th meeting held on 25-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease deed for the same was executed during the year 13-9-2005 and this lease is valid upto 2025. The proponent has stated that he has applied for EC to SEIAA during the year 2015 and SEAC during its appraisal noticed that the total area of the mining leases within the 500 meter radius from this proposal is exceeding the then threshold of 25 Ha and classified it as B1 category and recommended for issue of ToRs. Subsequent to this, MoEF has clarified in its notification dated:1-7-2016 that the quarry leases granted earlier to 9-9-2013 and the quarry leases for which EC was issued earlier to 15-1-2016 are exempted from cluster effect and consequent to this the proponent has made out an application to DEIAA and subsequently DEAC appraised this proposal categorizing this proposal under B2 category and recommended for issue of EC to DEIAA. Further in view of change in policy the proponent has stated that he is making out this application to SEIAA.

As per the quarry plan there is a level difference of 8 meter within the mining area and taking this into consideration committee opined that the quantity that can be mined scientifically and safely will be about 30% of the proposed quantity of 6,00,000 tons or 2,25,000 cum with a quarry pit depth of 15 meters. The proponent has stated that there is an existing cart track road to a length of 300 meters connecting this quarry to the NH-7 and running in the Govt. land for which the proponent has stated that he has obtained permission from the Govt. to utilize this road. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.6.0 lakhs under CER.

In the light of the above facts committee decided to recommend for issue of EC restricting the quantity to 30% of the proposed quantity.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity with the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.

3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.19 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.39(Part) of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L. No.729) (2-00 Acres) By M/s. S.C.B. Enterprises (SEIAA 86 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. S. C. B. Enterprises Sri. Ashwathappa, S/o. Ramanna, Doddajala village, Jala Hobli, Bangalore North Taluk Bangalore District.
2	Name & Location of the Project	Building Stone Quarry over an extent 2-00 Acres (0.809 Hectares) in Government Land at Sy. No. 39(P)of Kanivenarayanapura Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13° 24' 26.2" Longitude: E77° 40' 22.6"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL No.729)
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	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry

12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	1038.8m Existing Pit Level.	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	50,051Tons/annum	
14	Quantity of Topsoil/Over burden in cubic meter	No top soil Produced in the site	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	5,105 Tons	
16	Project Cost (Rs. In Crores)	1.59 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Narasimhadevarabetta Reserved Forest -0.30 Kms(N)	
	b. Nearest Human Habitation	Kanivenarayanapura Village - 0.90 Kms (S)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura.	
	d. Water Bodies	Kandavar Lake - 4.50 Km (NE) Kanivenarayanapura Pond -0.90 Kms(S)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	1-04	
	b. Waste Dumping Area	--	
	c. Top Soil Storage Area	--	
	d. Mineral Storage Area	0-02	
	e. Infrastructure Area	--	
	f. Road Area	0-02	
	g. Green Belt Area/Buffer Zone	0-32	
	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	6.5 KLD
		Domestic	2.15 KLD

		Other	5.06 KLD
		Total	13.71KLD
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 219th meeting held on 25-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease deed for the same was executed during the year 13-3-2006 and this lease is valid upto 2026. The proponent has stated that he has carried out the mining activity only during 2007-2008 which is prior to 13-1-2015 and extracted 3,000 tons or 1,200 cum and stated that the mining activity has not been carried out since then till today. The proponent has stated that he made out an application to DEIAA to obtain EC in order to start the mining activity during 2017 and consequent to this, the DEAC has appraised this proposal categorizing this proposal under B2 category and recommended for issue of EC to DEIAA. Further in view of change in policy the proponent has stated that he is making out this application to SEIAA.

As per the quarry plan there is a level difference of 9 meter within the mining area and taking this into consideration committee opined that the 70% of the proposed quantity of 93,000 cum or 2,50,255 tons can be mined scientifically and safely with a quarry pit depth of 12 meters. The proponent has stated that there is an existing cart track road to length of 820 meters connecting this quarry to the MDR and running in Govt., land. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has produced a cluster map prepared by DMG wherein it is mentioned that all the leases within the 500 meter radius from this quarry are granted prior to 9-9-2013 and hence exempted from cluster effect. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.2.0 lakhs under CER.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting to 70% of the proposed quantity with the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.

3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.20 Proposed Pink Granite Quarry Project in Government Gomala Land at Sy.No.24 of Thimmampalli Village, Bagepalli Taluk, Chikkaballapura District (Q.L.No.955). (2-00 Acres) By Sri N. Saleem (SEIAA 87 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. N Saleem, No. 21, 1st Floor, 7th A Cross, Kanaka Nagar, R T Nagar Post, Bangalore 560032.
2	Name & Location of the Project	Over an extent of 2-00Acres under (Government Gomala Land) Sy No: 24(P), Thimmampalli Village, Bagepalli Taluk, Chikkaballapur District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 51' 31.7" Longitude: E 77° 55' 19.8"
4	Type of Mineral	Pink Granite Quarry
5	New / Expansion / Modification / Renewal	Existing (QL 955)
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	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing	Fresh Area

	quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand			
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		9,022Cu.m per Annum	
14	Quantity of Topsoil/Over burden in cubic meter		There is 1.0m topsoil Available in this area.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		No mineral Waste produced in the area	
16	Project Cost (Rs. In Crores)		1.07 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Itikaldurga State Forest - 2.5 Km (NW)	
	b.	Nearest Human Habitation	Thimmampalli Village - 0.55 Km S	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura.	
	d.	Water Bodies	Bagepalli - 14.7 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	1-10	
	b.	Waste Dumping Area	0-12	
	c.	Top Soil Storage Area	0-05	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/Buffer Zone	0-11	
	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	10.9 KLD
			Domestic	2.4 KLD
			Other	2.58 KLD
			Total	15.30 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 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

219.21 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.1/2 of Gummanakolli Village, Somverpet Taluk, Kodagu District (Q.L.No.338) (1-00 Acres) By Sri Nagaraju (SEIAA 88 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Nagaraju, S/o Thammegowda, Kudumangalore, Somawarapete Taluk, Kudumangalore, Kodagu - 571 232
2	Name & Location of the Project	Building Stone Quarry over an extent 1-00 Acres (0.404 Hectares) in Patta Land at Sy. No. 1/2 of Gummanakolli Village, Somvarpet taluk, Kodagu district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N12 ^o 28' 39.3" to N 12 ^o 28' 38.0" Longitude: E75 ^o 55' 55.3" to E75 ^o 55' 53.6"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL 338)
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	0.404 Ha

9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	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	925.8 MSL from the Existing pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,760 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)/ Annum	180 Tons
16	Project Cost (Rs. In Crores)	0.86 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Yadavanad Reserved Forest - 3.85 Kms(NW)
	b. Nearest Human Habitation	Kushalnagar - 2.60 Kms(SE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Kushalnagar.
	d. Water Bodies	Harnagi Dam - 3.10 kms(NW) Cauvery River - 3.25 Kms(E)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	0-15
	b. Waste Dumping Area	0-02
	c. Top Soil Storage Area	0-04
	d. Mineral Storage Area	
	e. Infrastructure Area	
	f. Road Area	0-02
	g. Green Belt Area/Buffer Zone	0-10
	h. Unexplored area	0-07
	i. Others Specify	--
20	Method of Mining/ Quarrying	Manual Methodquarrying
21	Rate of Replenishment in	NA

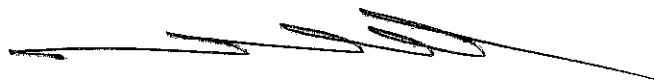
		case River sand project		
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.0 KLD
			Domestic	1.5 KLD
			Other	2.65 KLD
			Total	8.15KLD
23	Storm water management plan		Drains 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 219th meeting held on 25-3-2019 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 quarry proposal within the Western Ghat region for which the proponent has stated that this village is not mentioned in the Kasturirangan report. The proponent has stated that he was operating quarry having an area of 20 guntas from 29-9-2006 to 2011 and now he has stated that he has been granted 1 Acre of lease area including the 20 guntas operated earlier during the year 23-11-2017. As per the quarry pit measurement the total quantity mined will come to 400 to 500 cum and he has stated that the mining has been done by manual method and he will continue to carry out further mining by manual method only. Taking these factors into consideration the committee opined that the proposed quantity of 8,800 tons or 3,300 cum can be mined safely and scientifically to a quarry pit depth of 2 meters.

The proponent has stated that the Nagarhole Tiger reserve boundary is 28.9 KM from this lease area and Pushpagiri Wildlife Sanctuary is 23.9 KM and hence he reiterated that his quarry proposal is not affecting any sensitive zone. The proponent has stated that the approach road connecting this lease area to the all weather road is 350 meters and runs along the existing cart track road. The proponent has also stated that as per baseline data no parameters are exceeding the threshold limits. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.1.0 lakhs under CER.



Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity with the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.22 Proposed Building Stone Quarry Project in Government Gomala Land at Sy.No.39(P) of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.133) (9-00 Acres) By M/s. Nandi Industries (SEIAA 89 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Nandi Industries, #1278, Coronation Road, Bangarapet -563114 Kolar District, Karnataka
2	Name & Location of the Project	Building Stone Quarry over an extent 9-00 Acres in Govt.Revenue Land at Sy No: 39(P), Kanivenarayanapura Village, Chikkabalapur Taluk, Chikkabalapur District, Karnataka.
3	Co-ordinates of the Project Site	Latitude: N 13° 24' 11.4" Longitude: E 77° 40' 21.7"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing (QL No 133)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	3.64 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	1009.0 msl of existing Pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	9,00,000Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	8,800 Cu.m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	91,836 Tons
16	Project Cost (Rs. In Crores)	30.1 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Narasimhadevarabetta State Forest - 0.60 Kms(NE) Nandi State Forest - 1.90 Kms(S)
	b. Nearest Human Habitation	Kanvinarayanapura-0.45 Km (S)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura
	d. Water Bodies	Kanvinarayanapura Pond - 0.55 kms (SW) Chigatenahalli Pond - 1.60 Kms(E)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	7-26
	b. Waste Dumping Area	0-04
	c. Top Soil Storage Area	0-02
	d. Mineral Storage Area	
	e. Infrastructure Area	
	f. Road Area	0-03
	g. Green Belt Area/Buffer Zone	1-05
	h. Unexplored area	--
	i. Others Specify (Worked Area)	--

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	8.5 KLD
		Domestic	1.8KLD
		Other	4.0 KLD
		Total	14.30 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 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

219.23 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.27 of Uchalagollahalli Village, Gowribidanur Taluk, Chikkaballapura District (10-00 Acres) By Sri R. Ashok Kumar (SEIAA 90 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. R. Ashok Kumar, S/o R. Raghava Rao, #68, Sama Bank Colony, VV Puram Extension, Gowribidanur, Chikkaballapur, Karnataka-561 208
2	Name & Location of the Project	Building Stone Quarry over an extent 10-00 Acres in Govt Gomala Revenue Land at Sy No: 27, Uchalagollahallivillage, Gowribidanur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 30' 30.7" Longitude:E 77° 33' 16.3"

4	Type of Mineral	Building Stone Quarry
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	4.046 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	768 m from the Existing Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	6,00,000 Tons/ annum
14	Quantity of Topsoil/ Over burden in cubic meter	16,052 Cu,m of soil produced in the area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,57,895Tons
16	Project Cost (Rs. In Crores)	4.79 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Gederebetta State Forest - 5.20 Kms (W)
	b. Nearest Human Habitation	Uchalagollahalli Village - 1.40 Kms (N)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura
	d. Water Bodies	Kadiridevarahalli kere - 1.40 Kms (W) Kamalapura Lake - 3.10 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	8-06	
	b.	Waste Dumping Area	0-04	
	c.	Top Soil Storage Area	0-06	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-04	
	g.	Green Belt Area/Buffer Zone	1-20	
	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	12.49 KLD
			Domestic	1.81KLD
			Other	1.5 KLD
			Total	15.7 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 219th meeting held on 25-3-2019 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 area notified on 5-1-2019 and not yet been granted for want of EC. The proponent has also stated that the DMG has certified that no other quarry leases within the 500 meter radius from this quarry and he has produced the said certificate at the time of appraisal.

As per the mining plan the level difference within the mining area of 8 Acre 6 guntas is 22 meters and taking this into consideration only 90% of the total quantity proposed can be mined safely and scientifically to a depth of 25 meter and this depth can be achieved because of the larger mining area.

As regard the handling of 5% waste the proponent has stated that he will utilise the same for formation of approach road to a length of 650 meters and he has also stated that he will take up greenery all along the approach road and in the buffer zone wherever it is possible. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.8.0 lakhs under CER.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting to 90% of the proposed quantity.

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.24 Proposed Building Stone Quarry Project in Government Land at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.31) (12-00 Acres) By M/s. B & B Stones (SEIAA 92 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Ashish Dokania Managing Partner, M/s. B & B Stones, #06, House of Srinivas, Peresandra, Chikkaballapur Taluk & District - 562104
2	Name & Location of the Project	Building Stone Quarry over an extent 12-00 Acres in Govt.Revenue Land at Sy No: 43(P), Chikkanagavalli Village, Chikkabalapur Taluk, Chikkabalapur District, Karnataka.
3	Co-ordinates of the Project Site	Latitude: N 13° 36' 26.3" Longitude: E 77° 46' 05.2"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL No 31)

6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Kharab Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	4.85 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	904 msl of Existing Pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	12,00,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	No Top soil available
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3,15,790 Tons
16	Project Cost (Rs. In Crores)	39.73 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest - 3.80 Kms (S)
	b. Nearest Human Habitation	Chikkanagavalli - 0.95 Kms(S)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibanda
	d. Water Bodies	Adhegarahalli Pond - 1.45 Km (S) Peresandra Pond - 2.7 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	10-06
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	0-03
	d. Mineral Storage Area	
	e. Infrastructure Area	

	f.	Road Area	0-04
	g.	Green Belt Area/ Buffer Zone	1-27
	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 9.5 KLD
			Domestic 1.95KLD
			Other 4.16 KLD
			Total 15.61 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 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

219.25 Proposed Building Stone Quarry Project in Government Goinala Land at Sy.No.05(P) of Kategarahalli Village, Gudibande Taluk, Chikkaballapura District (Q.L.No.187) (4-00 Acres) By M/s. Durga Quarries (SEIAA 93 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Durga Quarries, Prop. Srinivas Swamy, No. 10, 3rd Cross, Vivekananda Nagar, Ramanagar.

2	Name & Location of the Project	Over an extent of 4-00 Acres under (Government Revenue Land) Sy No: 05(P),Kategorahalli Village, Gudibande Taluk Chikkaballapura District, Karnataka.
3	Co-ordinates of the Project Site	Latitude:N 13° 42' 22.9" Longitude:E 77° 45' 08.0"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.61 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining 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	792.8 m from the Existing pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	45,133 tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	There is no top soil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	11,875Tons
16	Project Cost (Rs. In Crores)	2.26 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Bichaganahalli Reserved Forest - 3.50 Kms (SE)
	b. Nearest Human Habitation	Kategorahalli Village - 0.8 Kms (W)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande
	d. Water Bodies	Korenahalli Pond - 1.00Kms (NE)

			Dhumkuntahalli Lake - 3.00Kms(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	2-35	
	b.	Overburden dump	0-06	
	c.	Road Area	0-10	
	d.	Infrastructure	0-09	
	e.	Mineral Storage		
	f.	Topsoil tard		
	g.	Green Belt Area/Buffer Zone	0-20	
	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: Local Tanker Supply	
	b.	Total Requirement of Water in KLD	Dust Suppression	7.5 KLD
			Domestic	0.72KLD
			Other	1.5 KLD
			Total	9.72 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 219th meeting held on 25-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease deed for the same was executed during the year 13-2-2006 and this lease is valid upto 2026. The proponent has stated that he has carried out the mining activity from 2006 to 2014 which is prior to 13-1-2015 and extracted 39,600 tons or 14,000 cum and stated that the mining activity has not been carried out since then till today. The proponent has stated that he made out an application to DEIAA to obtain EC in order to start the mining activity during 2017 and consequent to this, the DEAC

has appraised this proposal categorizing this proposal under B2 category and recommended for issue of EC to DEIAA. Further in view of change in policy the proponent has stated that he has made out this application to SEIAA.

As per the quarry plan there is a level difference of 6 meter within the mining area and taking this into consideration committee opined that the proposed quantity of 85,000 cum or 2,25,665 tons can be mined scientifically and safely with a quarry pit depth of 10 meters. The proponent has stated that there is an existing cart track road to length of 300 meters connecting this quarry to the MDR and running in Govt., land. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has produced a cluster map prepared by DMG wherein it is mentioned that there are no other quarries in the 500 meter radius from this quarry. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.2.0 lakhs under CER.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity with the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

26th March 2019

Members present in the meeting

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

Shri Mohammed Saleem I Shaikh - Member
 Shri. VijayaKumar,IFS - Secretary

219.26 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.39(P) of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.730) (2-00 Acres) By M/s. S.C.B. Enterprises (SEIAA 94 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. S. C. B. Enterprises Sri. Ashwathappa, S/o. Ramanna, Doddajala village, Jala Hobli, Bangalore North Taluk Bangalore District.
2	Name & Location of the Project	Building Stone Quarry over an extent 2-00 Acres (0.809 Hectares) in Government Land at Sy. No. 39(P)of Kanivenarayanapura Village, Chikkabalapurataluk, Chikkabalapurdistrict, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13 ⁰ 24' 26.2" Longitude: E77 ⁰ 40' 22.6"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal(QL No.730)
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	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification	1038.5m Existing Pit Level.

	of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	50,004Tons/annum	
14	Quantity of Topsoil/Over burden in cubic meter	No top soil Produced in the site	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	5,100 Tons	
16	Project Cost (Rs. In Crores)	1.59 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Narasimhadevarabetta Reserved Forest -0.35 Kms(N)	
	b. Nearest Human Habitation	KanivenarayanapuraVillage - 0.95 Kms (S)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura.	
	d. Water Bodies	Kandavar Lake - 4.55 Km (NE) Kanivenarayanapura Pond -0.90 Kms(S)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	1-08	
	b. Waste Dumping Area	0-02	
	c. Top Soil Storage Area		
	d. Mineral Storage Area	0-02	
	e. Infrastructure Area		
	f. Road Area	0-02	
	g. Green Belt Area/ Buffer Zone	0-26	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi 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	6.52 KLD
		Domestic	2.15 KLD
		Other	5.08 KLD
		Total	13.71KLD
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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this project was granted in 2006 and it has expired in 2011. Since 2011 the proponent has stated that the mining has not been operated till date. Due to ammendments to the KMMC rules the lease period gets automatically extended for 20 years i.e., upto 2026. The proponent has also stated that the quantity mined is 3000 tons between 2006 and 2011. Since the mining has been stopped much earlier to 13-1-2015 no application was made out for receiving EC. Now the proponent has made out an application to come under the ambit of EC. Firstly he made out an application to DEIAA and subsequent to this DEAC has appraised the proposal and recommended for issue of EC. But the process of issuing EC was not taken forward. The proponent has stated due to change in policy he made out this application to SEIAA.

As seen from the quarry plan there is a level difference of 7 meters within the mining area and taking this factor into consideration the committee opined that only 70% of the proposed quantity can be mined safely and scientifically to a quarry pit depth of 12 meters.

The proponent has stated that there is an existing cart track road to length of 850 meters connecting this quarry to the MDR and running in Govt., land. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has produced a cluster map prepared by DMG wherein it is mentioned that there are no other quarries whose lease has been granted after 9-9-2013 within 500 meter radius from this quarry and all the existing quarries are exempted from the cluster effect. The proponent has agreed to take up rejuvenation of nearby ponds at a cost of Rs.2.0 lakhs under CER in addition to other Environmental protection works

Hence, the committee after discussion decided to reconmend the proposal to SEIAA to issue Environment Clearance restricting to 70% of the proposed quantity alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site Safe drinking water has to be provided at the quarry site.

2. Dust suppression measures have to be strictly followed.
3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.27 Proposed Building Stone Quarry Project in Government Gomala Land at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.155) (1-00 Acre) By M/s. Citrus Rock (SEIAA 95 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Citrus Rock, Sri. Lakshmi Narayana Murthy, #23, Siddeshwara Nilaya, 11th Main, 3rd Cross, Gayathri Layout, Devasandra, Bangalore Rural-36
2	Name & Location of the Project	Over an extent of 1-00Acre under (Government Gomala Land) Sy No: 39(P), Kanivenarayanapura village, Chikkaballapura Taluk, Chikkaballapura District, Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 24' 28.3" Longitude:E 77° 40'17.6"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing (QL 155)
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	0.404 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining	It's a Building Stone Quarry

	guideline 2016		
12	Measurements of the existing quarry pits in case of ongoing/ expansion/ modification of mining proposals other than river sand		1036.50m of Working pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum		75,000 Tonnes per 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)/ Annum		19,735
16	Project Cost (Rs. In Crores)		3.7 crores
17	Environmental Sensitivity		
	a.	Nearest Forest	Narsimhadevarabetta Reserved Forest - 0.23 Kms (N) Nandi Reserved Forest - 1.6 kms S
	b.	Nearest Human Habitation	Kanvinarayanapura Village - 0.80 Kms (S)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura.
	d.	Water Bodies	Chikkaballapura - 6.00 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	0-27
	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.	Green Belt Area/ Buffer Zone	0-08
	h.	Unexplored area	--
	i.	Others Specify	--
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying
21	Rate of Replenishment in case River sand project		NA
22	Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water
	b.	Total Requirement of Water in KLD	Dust Suppression 9.6 KLD

		Domestic	0.76KLD
		Other	0.44 KLD
		Total	10.8 KLD
23	Storm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)	NA	

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

The proponent was invited for the 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

219.28 Proposed Building Stone Quarry Project in Government Gomala Land at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.760) (2-00 Acres) By Sri G.K. Ashwathappa (SEIAA 96 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. G. K. Ashwathappa, Giddappanasulibele Post, Hosakote Taluk, Bangalore Rural.
2	Name & Location of the Project	"Building Stone Quarry" over an extent of 2-00 Acres at Sy No. 39, Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District, Karnataka.
3	Co-ordinates of the Project Site	Latitude: N 13° 24' 26.7" Longitude: E 77° 40' 29.9"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL.760)
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	1.7 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	1048.50 mts
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	75,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	0.05 mts
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3,947Tons/ Annum
16	Project Cost (Rs. In Crores)	6.13 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Narasimhadevarabetta Reserved Forest - 2.50 Kms (N)
	b. Nearest Human Habitation	Chikkaballapura
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura
	d. Water Bodies	Kanivenarayanapura Pond- 1.00 Kms (SW) Kandavar Lake - 4.50 Kms(NE)
	e. Other Specify	---
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	1-20
	b. Waste Dumping Area	0-02
	c. Top Soil Storage Area	0-04
	d. Mineral Storage Area	
	e. Infrastructure Area	
	f. Road Area	0-02



	g.	Green Belt Area/ Buffer Zone	0-12	
	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: Tanker Supply	
	b.	Total Requirement of Water in KLD	Dust Suppression	5.06 KLD
			Domestic	1.85 KLD
			Other	0.54 KLD
			Total	7.45 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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this project was granted in 2006 and it has expired in 2011. Since 2011 the proponent has stated that the mining has not been carried out. Due to ammendments to the KMMC rules the lease period gets automatically extended for 20 years i.e., upto 2026. The proponent has also stated that the quantity mined is 500 tons between 2006 and 2012. Since the mining has been stopped much earlier to 13-1-2015 no application was made out for receiving EC. Now the proponent has made out an application to come under the ambit of EC. Firstly he made out an application to DEIAA and subsequent to this DEAC has appraised the proposal and recommended for issue of EC. But the process of issuing EC was not taken forward. The proponent has stated due to change in policy he made out this application to SEIAA.

As seen from the quarry plan there is a level difference of 12 meters within the mining area and taking this factor into consideration the committee opined that only 50% of the proposed quantity can be mined safely and scientifically to a quarry pit depth of 12 meters.

The proponent has stated that there is an existing cart track road to length of 750 meters connecting this quarry to the MDR and running in Govt., land. The proponent

has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has produced a cluster map prepared by DMG wherein it is mentioned that there are no other quarries whose lease has been granted after 9-9-2013 within 500 meter radius from this quarry and all the existing quarries are exempted from the cluster effect. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.6.0 lakhs under CER.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting to 50% of the proposed quantity alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.29 Proposed Building Stone Quarry Project in Government Gomala Land at Sy.No.39(P) of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.132) (2-20 Acres) By M/s. Kamakshi Stone Crushers (SEIAA 97 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Kamakshi Stone Crushers, Pro: M Ramakrishna,4754/1, Srinivas Nilayam,S L V T C H Road,Bangarpet, Kolar, Karnataka.
2	Name & Location of the Project	Building Stone Quarry over an extent 2-20 Acres in Govt.Revenue Land at Sy No: 39(P), Kanivenarayanapura Village, Chikkabalapur Taluk,Chikkabalapur District,Karnataka.
3	Co-ordinates of the Project Site	Latitude:N 13° 24' 13.5" Longitude:E 77° 40' 18.1"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing (QL No 132)

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	1.011 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	1010.0 msl
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,50,000 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	3,200 Cu.m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	25,510 Tons
16	Project Cost (Rs. In Crores)	2.7 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Narasimhadevarabetta State Forest - 0.80 Km(N) Nandi State Forest - 1.30 Km(S)
	b. Nearest Human Habitation	Singadikadirenahalli-0.75 Km (S)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura
	d. Water Bodies	Nandi Pond - 3.00 Km(SE) Kandavara lake - 5.05 Km (NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	

	a.	Area for Mining/ Quarrying	1-19	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area	0-04	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/ Buffer Zone	0-33	
	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	8.4 KLD
			Domestic	0.9KLD
			Other	3.1 KLD
			Total	12.4 KLD
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

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

The proponent was invited for the 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

219.30 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.199) (3-30 Acres) By M/s. Sri Vinayaka Rock Crystal (SEIAA 98 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
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1	Name & Address of the Project Proponent	Sri Vinayaka Rock Crystals Sy. No. 39, Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District 562101
2	Name & Location of the Project	Building Stone Quarry over an extent 3-30 Acres in Govt Revenue Revenue Land at Sy No: 39, Kanivenarayanapuravillage, Chikkabalapur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 24' 15.8" Longitude:E 77° 40' 03.5"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing (QL.199)
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	1.517 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	1008.10 m from the Existing pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,75,000 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	4,100 Cu.in
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	98,685 Tons
16	Project Cost (Rs. In Crores)	14.24 crores
17	Environmental Sensitivity	

	a.	Nearest Forest	Narasimhadevarabetta Reserved Forest - 0.40Km (N)	
	b.	Nearest Human Habitation	Kanivenarayanapura-0.80 Kms(SE)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura	
	d.	Water Bodies	Kanvinarayanapura Pond - 0.40 kms (S) Chigatenahalli Pond - 2.20 Kms(E)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	2-36	
	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	0-24	
	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	10.5 KLD
			Domestic	1.81KLD
			Other	1.5 KLD
			Total	13.8 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The proponent was invited for the 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent by submitting a letter dated:15-3-2019 intimating that they are currently applying for DGMs approval and getting

common boundary buffer exemption of their 3 quarries and hence not able to attend the meeting.

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.

219.31 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.404(P) of Yalagalahalli Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.114) (3-00 Acres) By Sri B. Narendra Kumar (SEIAA 99 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. B. Narendra Kumar, S/o. B.M. Byrappa Reddy, Beshettyhalli Village, Aruru Post, Chikkaballapura Taluk, Chikkaballapura District, Karnataka.
2	Name & Location of the Project	Building Stone Quarry over an extent 3-00 Acres in Government Land at Sy. No. 404(P) of Yalagadahalli Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13° 36' 21.9" Longitude: E77° 47' 01.3"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL No. 114)
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	1.214 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA

11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Not worked.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	67,224Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	1,800 Cu.m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	17,820 Tons
16	Project Cost (Rs. In Crores)	4.12 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest -3.50 Kms(S)
	b. Nearest Human Habitation	Yalagadahalli Village -1.50 Kms (E)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande.
	d. Water Bodies	Yalagalahalli Pond - 1.6 Kms(E) Balaganahalli Pond - 1.5 Kms(SE) Timmenahalli Lake - 3.4 Kms(E)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	2.10
	b. Waste Dumping Area	0.08
	c. Top Soil Storage Area	0.04
	d. Mineral Storage Area	0.06
	e. Infrastructure Area	--
	f. Road Area	0.10
	g. Green Belt Area/ Buffer Zone	0.62
	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	8.5 KLD
			Domestic	1.8 KLD
			Other	2.46 KLD
			Total	12.76KLD
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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease deed for the same was executed during the year 15-11-2010 and this lease is valid upto 2030 and the proponent has stated that as per the amendments to KMMC rules the lease period will automatically gets extended to 2030. The proponent has stated that he has applied for EC to SEIAA during the year 2015 and SEAC during its appraisal noticed that the total area of the mining leases within the 500 meter radius from this proposal is exceeding the then threshold of 25 Ha and classified it as B1 category and recommended for issue of ToRs. Subsequent to this, MoEF has clarified in its notification that the quarry leases granted earlier to 9-9-2013 and the quarry leases for which EC was issued earlier to 15-1-2016 are exempted from cluster effect and consequent to this the proponent has made out an application to DEIAA and subsequently DEAC appraised this proposal categorizing this proposal under B2 category and recommended for issue of EC to DEIAA. Subsequently DEIAA sent back the file to DEAC to reappraise the proposal in the light of MoEF Notification 15-1-2016 and subsequently DEAC appraised this proposal and noted that the proponent has carried out mining in violation of the Hon'ble NGT order dated:13-1-2015 for which the proponent has stated that this observation by DEAC is on the wrong premise and he has produced recent audit report dated 20-2-2019 in which it is mentioned that no mining activity has been carried out during 2015-16, 2016-17 and 2017-2018 and the mining to an extent 17,500 tons was carried out during 2011-2015. Further in view of change in policy the proponent has stated that he is making out this application to SEIAA.

As per the quarry plan there is a level difference of 4 meter within the mining area and taking this into consideration committee opined that the 70% of the proposed quantity of 1,27,000 cum can be mined scientifically and safely with a quarry pit depth of 12 meters. The proponent has stated that there is an existing cart track road to length

of 212 meters connecting this quarry to the NH-7 and running in the Govt. land for which the proponent has stated that he has obtained permission from the Govt. to utilize this road. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.4.0 lakhs under CER.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting to 70% of the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.32 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.404(P) of Yalagalahalli Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.115) (1-20 Acres) By Sri B. Narendra Kumar (SEIAA 100 MIN 2019)

Sl No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. B. Narendra Kumar, S/o. B.M. Byrappa Reddy, Beshettyhalli Village, Aruru Post, Chikkaballapura Taluk, Chikkaballapura District, Karnataka.
2	Name & Location of the Project	Building Stone Quarry over an extent 1-20 Acres in Government Land at Sy. No. 404(P) of Yalagadahalli Village, Chikkabalapur taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N13° 36' 19.0" Longitude: E77° 47' 00.7"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL No. 115)

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	0.607 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	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	850.13m Existing Pit Level.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	15,036Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	1,800 Cu.m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3,955 Tons
16	Project Cost (Rs. In Crores)	1.65 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest -3.50 Kms(S)
	b. Nearest Human Habitation	Yalagadahalli Village -1.50 Kms (E)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudubande.
	d. Water Bodies	Yalagalahalli Pond - 1.7 Kms(E) Balaganahalli Pond - 1.4 Kms(SE) Timmenahalli Lake - 3.2 Kms(E)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	0.90
	b. Waste Dumping Area	0.05
	c. Top Soil Storage Area	--

	d.	Mineral Storage Area	0.05	
	e.	Infrastructure Area	0.02	
	f.	Road Area	0.04	
	g.	Green Belt Area/Buffer Zone	0.44	
	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	7.5 KLD
			Domestic	1.8 KLD
			Other	2.2 KLD
			Total	11.5KLD
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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease deed for the same was executed during the year 15-11-2010 and this lease is valid upto 2030 and the proponent has stated that as per the amendments to KMMC rules the lease period will automatically get extended to 2030. The proponent has stated that he has applied for EC to SEIAA during the year 2015 and SEAC during its appraisal noticed that the total area of the mining leases within the 500 meter radius from this proposal is exceeding the then threshold of 25 Ha and classified it as B1 category and recommended for issue of ToRs. Subsequent to this, MoEF has clarified in its notification that the quarry leases granted earlier to 9-9-2013 and the quarry leases for which EC was issued earlier to 15-1-2016 are exempted from cluster effect and consequent to this the proponent has made out an application to DEIAA and subsequently DEAC appraised this proposal categorizing this proposal under B2 category and recommended for issue of EC to DEIAA. Subsequently DEIAA sent back the file to DEAC to reappraise the proposal in the light of MoEF Notification Dated: 15-1-2016 and subsequently DEAC appraised this proposal and noted that the proponent has carried out mining in violation of the Hon'ble NGT order dated:13-1-2015 for which

the proponent has stated that this observation by DEAC is on the wrong premise and he has produced recent audit report dated 20-2-2019 in which it is mentioned that no mining activity has been carried out during 2015-16, 2016-17 and 2017-2018 and the mining to an extent 11,000 tons was carried out during 2011-2015. Further in view of change in policy the proponent has stated that he has made out this application to SEIAA.

As per the quarry plan there is a level difference of 6 meter within the mining area and taking this into consideration committee opined that the proposed quantity of 28,000 cum or 75,180 tons can be mined scientifically and safely with a quarry pit depth of 10 meters. The proponent has stated that there is an existing cart track road to length of 300 meters connecting this quarry to the NH-7 and running in the Govt. land for which the proponent has stated that he has obtained permission from the Govt. to utilize this road. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has agreed to take up rejuvenation of Yalagalhalli pond which is at a distance of 1.1 KM at the cost of 3.0 lakhs under CER in addition to other Environmental protection works.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.33 Proposed Building Stone Quarry Project in Government Revenue Land at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.744) (2-00 Acres) By M/s. Goutham Stone Crusher (SEIAA 101 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Gautham Stone Crusher, No.74, Kanvinarayanapura, Muddenahalli Post, Nandi Hobli, Chikkaballapura Taluk & District, Karnataka-560094

2	Name & Location of the Project	Building Stone Quarry over an extent 2-00 Acres in Government Land at Sy. No. 39 of Chikkanagavalli Village, Chikkabalapur Taluk, Chikkabalapur district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 24' 31.5" Longitude: E 77° 40' 08.9"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL.744)
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	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Not worked
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,50,000 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	No Topsoil.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	39,475 Tons
16	Project Cost (Rs. In Crores)	6.7 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Narasimhadevarabetta Reserved Forest - 0.23 Kms (N)
	b. Nearest Human Habitation	Kanvinarayanapura Village - 1.15 Kms (SE)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in

		Chikkaballapura	
	d. Water Bodies	Kanvinarayanapura Pond - 1.00 kms (S) Chigatenahalli Pond - 2.05 Kms(E)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	1-09	
	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	0-21	
	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	8.5 KLD
		Domestic	1.7 KLD
		Other	2.7 KLD
		Total	12.80KLD
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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this project was granted in 2006 and it has expired in 2011. Since 2011 the proponent has stated that the mining has not been carried out. Due to amendments to the KMMC rules the lease period gets automatically extended for 20 years i.e., upto 2026. The proponent has also stated that the quantity mined is 4300 tons

between 2006 and 2012. Since the mining has been stopped much earlier to 13-1-2015 no application was made out for receiving EC. Now the proponent has made out an application to come under the ambit of EC. Firstly he made out an application to DEIAA and subsequent to this DEAC has appraised the proposal and recommended for issue of EC. But the process of issuing EC was not taken forward. The proponent has stated due to change in policy he made out this application to SEIAA.

As seen from the quarry plan there is a level difference of 5 meters within the mining area and taking this factor into consideration the committee opined that only 25% of the proposed quantity can be mined safely and scientifically to a quarry pit depth of 12 meters.

The proponent has stated that there is an existing cart track road to length of 1.2 KM connecting this quarry to the MDR and running in Govt., land. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has produced a cluster map prepared by DMG wherein it is mentioned that there are no other quarries whose lease has been granted after 9-9-2013 within 500 meter radius from this quarry and all the existing quarries are exempted from the cluster effect. The proponent has also stated that he will earmark 4 lakhs to take up the works connected with protection of adjacent Narsimhadevarabetta reserve forest in consultation with the forest authorities

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting to 25% of proposed quantity and alongwith the following conditions:

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.34 Proposed Building Stone Quarry Project at Sy.No.57/2 of Imabad Village, Bidar Taluk, Bidar District (2-00 Acres) By M/s. National Stone Crusher (SEIAA 102 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri.Naser Khan S/o Mohuiddin Khan (Prop) 9-5-420/2, Chidri Bidar, Karnataka,

2	Name & Location of the Project	National Stone Crusher Imambad Village Bidar Taluk Bidar District.		
3	Co-ordinates of the Project Site	Co-Ordinates in hddd°mm.mmm' Datum: WGS 84		
			Latitude	Longitude
		A	N17° 54' 56.9"	E77° 36' 59.7"
		B	N17° 54' 56.1"	E77° 36' 54.3"
		C	N17° 54' 54.2"	E77° 36' 54.9"
D	N17° 54' 54.6"	E77° 36' 58.2"		
4	Type of Mineral	Building Stone (Basaltic)		
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	0.8 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	35000 TPA		
12	Quantity of Topsoil/Over burden in cubic meter	Nil		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	561 TPA		
14	Project Cost (Rs. In Crores)	87.3 Lakh		
15	Environmental Sensitivity			
	a.	Nearest Forest	No forest within 10.0 KM radius	
	b.	Nearest Human Habitation	Imambad village -1.0 km	
	c.	Educational Institutes, Hospital	Bidar Dist -11.0 km	
	d.	Water Bodies	Manjra River-11.0 km (NE) Check dam 0.3 KM (NW)	
	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	1-11	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	-	
	d.	Mineral Storage Area	-	
	e.	Infrastructure Area	--	

	f.	Road Area	-	
	g.	Green Belt Area	0-29	
	h.	Unexplored area		
	i.	Others Specify	-	
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	0.4
			Domestic	0.5
			Other	0.5
			Total	5.0
20	Storm water management plan		Drains will be constructed along the boundary of activity area	
21	Any other information specific to the project (Specify)		--	

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 219th meeting held on 26-3-2019 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 building stone quarry proposal in patta land and the proponent has stated that he has obtained required NA from the revenue authorities. The proponent stated that the recovery is 95% and waste including top soil to a depth of 0.2 meters is 5% and he has stated that the top soil generated will be utilized for raising the greenery in the buffer zone and remaining quarry waste will be utilized for formation of approach road. As per the quarry plan it is observed that there is a level difference of 2 meters within the mining area and taking this into consideration the committee opined that 80% of the proposed quantity of 66,540 cum can be mined safely and scientifically. The proponent has stated that there is an existing cart track road to a length of 500 meter which connects this lease area to the all weather road. As per the location map the lease area is about 1 KM from the interstate boundary and since the lease area is less than 5 Ha general conditions does not apply and also it is observed that there is a check dam nearby which is at the distance of 568 meters from the lease area and the nearest water spread of this check dam is 202 meters. The DMG has prepared cluster map in which shows that there are no other quarries within the 500 meter radius.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting the quantity to 80% of the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.35 Proposed Building Stone Quarry Project at Sy.No.168 of Varlakonda Village, Gudibande Taluk, Chikkaballapura District (Q.L.No.223) (5-00 Acres) By M/s. S.M. Stone Crusher (SEIAA 103 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. S. M. Stone Crusher, C/o. R. Gajendra Babu, No-18, Kadiganahalli, Bettahalasur Post, Bengaluru-562157.
2	Name & Location of the Project	Building Stone Quarry over an extent 5-00 Acres in Govt Gomala Revenue Land at Sy No: 168, Varlakondavillage, Gudibande Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 37' 8.1" Longitude:E 77° 46' 10.01"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing (QL.223)
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	2.023 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of	It's a Building Stone Quarry

	river sand mining as specified in the sustainable sand mining guideline 2016	
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	878 m from the Existing pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	5,00,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	8,093 Cu,m of soil produced in the area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,31,580 Tons
16	Project Cost (Rs. In Crores)	17.63 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Narasimhadevarabetta Reserved Forest - 7.80Km (NE)
	b. Nearest Human Habitation	Varlakonda-2.00 Kms(N)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura
	d. Water Bodies	Varlakonda Lake - 1.85 Kms(E)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	3-21
	b. Waste Dumping Area	0-06
	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	1-05
	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	Dust 10.9 KLD

	in KLD	Suppression	
		Domestic	1.81KLD
		Other	1.5 KLD
		Total	14.21 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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this proposal was granted on 24-9-2015. Now the mining activity is being carried out since then. The total quantity mined upto March 2019 comes to nearly 2,53,000 tons. The proponent has stated that he is submitting EC compliance regularly to the Regional Office, MoEF and this has not been certified and the inspection to certify the compliance has been fixed on 27-3-2019. As per the quarry plan, there is a level difference of 23 meters within the mining area and taking this into consideration committee opined that 35% of the proposed quantity 9,39,000 cum or 25,00,000 tons can be mined safely and scientifically to a quarry pit depth of 18 meters. The proponent has stated that there is an existing concreted road to a length of 2 KM formed jointly by all the nearby lease owners and connecting this lease area to NH-7. As per the cluster map prepared by the DMG, it has been mentioned that there are five leases within the 500 meter from this quarry area out of which leases for four other leases were granted prior to 9-9-2013 and hence exempted from cluster effect. The proponent has stated that as per baseline data no parameters are exceeding permissible limits except the ground water which is not fit for human consumption due to fluoride and higher degree of hardness. The proponent has also stated that he will earmark Rs.6.0 lakhs to take up rejuvenation of Varlakonda tank and other Environmental Protection works.

The committee after discussion decided to recommend the proposal for issue of Environment Clearance restricting the quantity to 35% of the proposed quantity and subject to submission of EC compliance to the authority.

The committee also imposed the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.

4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.36 Proposed Building Stone Quarry Project at Sy.No.59/2 of Murharpur Village, Manvi Taluk, Raichur District in an area of 2-00 Acres) By Sri Govind (SEIAA 104 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																								
1	Name & Address of the Project Proponent	Sri.Govind S/o Lokya Village Murharpur Manvi Taluk, Raichur Dist. Karnataka.																								
2	Name & Location of the Project	Murharpur Building Stone Quarry Village Murharpur Manvi Taluk, Raichur Dist. Karnataka,																								
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">Co-Ordinates in hddd°mm.mmm'</th> </tr> <tr> <th colspan="3">Datum: WGS 84</th> </tr> <tr> <th></th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>O</td> <td>N15° 59' 55.02"</td> <td>E77° 07' 26.60"</td> </tr> <tr> <td>A</td> <td>N16° 00' 00.03"</td> <td>E77° 07' 28.70"</td> </tr> <tr> <td>B</td> <td>N16° 00' 01.90"</td> <td>E77° 07' 26.60"</td> </tr> <tr> <td>C</td> <td>N16° 00' 04.00"</td> <td>E77° 07' 28.90"</td> </tr> <tr> <td>D</td> <td>N16° 00' 02.70"</td> <td>E77° 07' 31.40"</td> </tr> </tbody> </table>	Co-Ordinates in hddd°mm.mmm'			Datum: WGS 84				Latitude	Longitude	O	N15° 59' 55.02"	E77° 07' 26.60"	A	N16° 00' 00.03"	E77° 07' 28.70"	B	N16° 00' 01.90"	E77° 07' 26.60"	C	N16° 00' 04.00"	E77° 07' 28.90"	D	N16° 00' 02.70"	E77° 07' 31.40"
Co-Ordinates in hddd°mm.mmm'																										
Datum: WGS 84																										
	Latitude	Longitude																								
O	N15° 59' 55.02"	E77° 07' 26.60"																								
A	N16° 00' 00.03"	E77° 07' 28.70"																								
B	N16° 00' 01.90"	E77° 07' 26.60"																								
C	N16° 00' 04.00"	E77° 07' 28.90"																								
D	N16° 00' 02.70"	E77° 07' 31.40"																								
4	Type of Mineral	Building Stone																								
5	New / Expansion / Modification / Renewal	New																								
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land.																								
7	Whether the project site fall within ESZ/ESA	No																								
8	Area in Ha	0.8 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	35000 TPA																								
12	Quantity of Topsoil/Over burden in cubic meter	Nil																								
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1842 TPA																								

14	Project Cost (Rs. In Crores)		87.3 Lakh	
15	Environmental Sensitivity			
	a.	Nearest Forest	No forest within 10.0 KM radius	
	b.	Nearest Human Habitation	Murharpur village -0.7 km	
	c.	Educational Institutes, Hospital	Manvi Taluk -8.0 km	
	d.	Water Bodies	Tungabhadra River-6.0 km (S) Check dam 0.3 KM (NW)	
	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	1.31	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	-	
	d.	Mineral Storage Area	-	
	e.	Infrastructure Area	--	
	f.	Road Area	-	
	g.	Green Belt Area	0.69	
	h.	Unexplored area		
	i.	Others Specify	-	
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	0.4
			Domestic	0.5
			Other	0.5
			Total	5.0
20	Storm water management plan		Drains will be constructed along the boundary of activity area	
21	Any other information specific to the project (Specify)		--	

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 219th meeting held on 26-3-2019 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 building stone quarry proposal in patta land and the proponent has stated that he has obtained required NA from the revenue authorities. The proponent stated that the recovery is 95% and waste including top soil to a depth of 0.1 meter is 5% and he has stated that the top soil generated will be utilized for raising the greenery in

the buffer zone and remaining quarry waste will be utilized for formation of approach road. As per the quarry plan it is observed that there is a level difference of 4 meters within the mining area and taking this into consideration the committee opined that 90% of the proposed quantity of 66,540 cum can be mined safely and scientifically. The proponent has stated that there is an existing cart track road to a length of 410 meter which connects this lease area to the allweather road. As per the location map the lease area is about 6.5 KM from the interstate boundary since the area of lease is less than 5 Ha. General conditions will not apply. The DMG has prepared cluster map in which it is showing that there are no other quarries within the 500 meter radius.

As per the location map the proponent has stated that the all weather road is 350 meters from the lease area and irrigation canal at 200 meter from the lease area. The proponent has stated that the lease area is at 60 meter from the existing cart track road and he will form this 60 meter approach road in the patta land whose ownership rests with the proponent himself. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has also stated that he will earmark 3 lakhs under CER to take up the works connected with rejuvenation of sadapur tank which is 2 KM away and also other environmental protection works.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting to 90% of the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.37 Proposed Building Stone Quarry Project at Sy.No.24 of Anemadugu Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.111) (4-20 Acres)
By Sri H.V. Chikkagarigareddy (SEIAA 105 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. H.V. ChikkaGarigareddy S/o. Sri. Venkatanarayanappa, Haristhala Chikkapayalagurki Post Chikkaballapura Taluk & District Emailid: enviprogroup@gmail.com
2	Name & Location of the Project	Building Stone Quarry in 4-20 Acres of Govt. Land bearing Sy. No. 24, Anemadagu Village,

		Chikkaballapura Taluk & District, Karnataka.		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 13° 32' 49.0"	E 77 ° 41' .28.9"
		B	N 13° 32' 49.1"	E 77 ° 41' .32.0"
		C	N 13° 32' 41.1"	E 77 ° 41' .31.8"
		D	N 13° 32' 43.1"	E 77 ° 41' .28.8"
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Operating(QL No. 111)		
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 Acre	4-20 acres		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining 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	82,349 Tons per Annum		
14	Quantity of Topsoil/ Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,681 Tons per Annum		
16	Project Cost (Rs. In Crores)	0.22		
17	Environmental Sensitivity			
	a.	Nearest Forest	Narasimhadevabetta RF 300m towards N	
	b.	Nearest Human Habitation	Anemadugu - 1.20 Km	
	c.	Educational Institutes, Hospital	--	
	d.	Water Bodies	Dindaganahalli Dam 4.55 Km SW Unnamed Water body 3.17 Km N	
	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	3-20 Acres	
	b. Waste Dumping Area	0-01 acre	
	c. Top Soil Storage Area	--	
	d. Mineral Storage Area	--	
	e. Infrastructure Area	0-01	
	f. Road Area	-	
	g. Green Belt Area	0-38	
	h. Unexplored area	-	
	i. Others Specify	-	
20	Method of Mining/ Quarrying	Opencast Semi-mechanized	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Nearby Borewell Water	
	b. Total Requirement of Water in KLD	Dust Suppression	3.0 KLD
		Domestic	0.210 KLD
		Other	0.5 KLD
		Total	3.5 KLD
23	Storm water management plan	Will be Undertaken.	
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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee noted that the quarry lease for this project was granted during the year 3-9-2010 for a period of 10 years and according to ammendments to KMMC rules the lease period gets automatically extended to 2030. The proponent has stated that he has carried out the mining since 2010 till 2012-13 and since 2012-13 no mining activity has been carried out for which the proponent has submitted audit report wherein it is mentioned that no mining has been done from 2013-14 to 2017-18. The proponent has stated that he has not applied for EC to come under the ambit of EC regulation as per the NGT order dated: 13-1-2015 because mining activity has been stopped much earlier to this date. The proponent has stated that he has made out an application to DEIAA subsequent to this DEAC during its meeting on 4-9-2018 appraised this proposal and recommended for issue of EC. But further process has not been carried forward and the proponent has stated that in view of the change in policy he has made out this application to SEIAA.

As seen from the quarry plan there is a level difference of 45 meter within the mining area and taking this into consideration the committee opined that the proposed quantity nearly 1,58,000 cum or 4,20,000 tons can be mined safely and scientifically. As seen from the quarry plan it is observed that there are some marking outside the lease area stating 3rd year, 4th year and 5th year development plan and also as per the location map it is observed that as per the markings made by the proponent the project area falls within the forest area, for this the proponent has stated that he will get it corrected these inconsistencies and come back.

Hence, the committee after discussion decided to defer the proposal.

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

219.38 Proposed Building Stone Quarry Project at Sy.Nos.143/2 & 143/4 of Hupla Village, Bhalki Taluk, Bidar District (6-10 Acres) By M/s. Sharada Construction & Corporation Pvt. Ltd. (SEIAA 106 MIN 2019)

Sl. No	PARTICULARS	INFORMATION																								
1	Name & Address of the Project Proponent	Sri Shankar S/o Baliram Morge Rs no 24k, ward no 1, lingad road, arihant colony, Vijayapura (Bijapur), Karnataka, 586101.																								
2	Name & Location of the Project	M/s Sharada Construction & Corporation Pvt Ltd Hupla Village, Bhalki Taluk Bidar District.																								
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th colspan="3">Co-Ordinates in hddd°mm.mmm'</th> </tr> <tr> <th colspan="3">Datum: WGS 84</th> </tr> <tr> <th></th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>N18° 03' 11.20"</td> <td>E77° 17' 06.30"</td> </tr> <tr> <td>B</td> <td>N18° 03' 07.90"</td> <td>E77° 17' 10.20"</td> </tr> <tr> <td>C</td> <td>N18° 03' 12.00"</td> <td>E77° 17' 10.60"</td> </tr> <tr> <td>D</td> <td>N18° 03' 16.10"</td> <td>E77° 17' 13.30"</td> </tr> <tr> <td>E</td> <td>N18° 03' 16.40"</td> <td>E77° 17' 09.10"</td> </tr> </tbody> </table>	Co-Ordinates in hddd°mm.mmm'			Datum: WGS 84				Latitude	Longitude	A	N18° 03' 11.20"	E77° 17' 06.30"	B	N18° 03' 07.90"	E77° 17' 10.20"	C	N18° 03' 12.00"	E77° 17' 10.60"	D	N18° 03' 16.10"	E77° 17' 13.30"	E	N18° 03' 16.40"	E77° 17' 09.10"
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D	N18° 03' 16.10"	E77° 17' 13.30"																								
E	N18° 03' 16.40"	E77° 17' 09.10"																								
4	Type of Mineral	Building Stone (Basaltic)																								
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	2.5 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	1,00,000 TPA	
12	Quantity of Topsoil/Over burden in cubic meter	Nil	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	7440 TPA	
14	Project Cost (Rs. In Crores)	230 Lakh	
15	Environmental Sensitivity		
	a. Nearest Forest	No forest within 10.0 KM radius	
	b. Nearest Human Habitation	Hupla village -1.5 km	
	c. Educational Institutes, Hospital	Bhalki Taluk -6.0 km	
	d. Water Bodies	Manjra River 8.0 Km towards NE Karanja River 11.0 KM towards South Karanja Dam at a distance of 18 KM towards South	
	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	2-36	
	b. Waste Dumping Area	--	
	c. Top Soil Storage Area	-	
	d. Mineral Storage Area	-	
	e. Infrastructure Area	--	
	f. Road Area	-	
	g. Green Belt Area	1-14	
	h. Unexplored area		
	i. Others Specify (Untouched)	2-00	
	Total	6-10	
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	0.4
		Domestic	0.5
		Other	0.5
		Total	5.0
20	Storm water management plan	Drains will be constructed along the boundary of activity area	
21	Any other information specific to the project (Specify)	--	

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 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 building stone quarry proposal in patta land and the proponent has stated that he has obtained required NA from the revenue authorities. The proponent stated that the recovery is 95% and waste including top soil to a depth of 0.2 meter is 5% and he has stated that the top soil generated will be utilized for raising the greenery in the buffer zone and remaining quarry waste will be utilized for formation of approach road. As per the quarry plan it is observed that there is a level difference of 2 meters within the mining area and taking this into consideration the committee opined that 80% of the proposed quantity of 1,90,114 cum can be mined safely and scientifically. The proponent has stated that there is an existing cart track road to a length of 200 meter which connects this lease area to the all weather road. As per the location map the lease area is about 20 KM from the interstate boundary(Maharashtra) and hence general conditions do not apply. The DMG has prepared cluster map in which it is shown that there are three quarries including this quarry within the 500 meter radius. The combined total area of these quarries comes to 12 acres 03 guntas which is less than the threshold limit of 5 Ha.

The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has also stated that he will earmark Rs.4 lakhs under CER to take up the works connected with rejuvenation of Hupla tank which is 1.5 KM away and also other environmental protection works.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue environment clearance restricting to 80% of the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.39 Proposed Building Stone Quarry Project at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.761) (2-00 Acres) By Sri S.N.Suresh (SEIAA 107 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. S. N Suresh, Sulibele Post, Hosakote Taluk, Bangalore Rural
2	Name & Location of the Project	Over an extent of 2-00 Acres under (Government Gomala Land) Sy No: 39, Kanivenarayanapura Village, Chikkaballapura Taluk Chikkaballapura District, Karnataka.
3	Co-ordinates of the Project Site	Latitude:N 13° 24' 30.6" Longitude:E 77° 40' 29.4"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL No 761)
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	0.808 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	1056.0 m Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,50,000Tons/annum
14	Quantity of Topsoil/Over burden	There is 1.0m topsoil Available in this area.

	in cubic meter			
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		39,474 Tons	
16	Project Cost (Rs. In Crores)		6.17 crores	
17	Environmental Sensitivity			
	a.	Nearest Forest	Narasimhadevarabetta State Forest - 0.65 Kms(N)	
	b.	Nearest Human Habitation	Kanvinarayanapura Village - 0.65 Kms (SE)	
	c.	Educational Institutes, Hospital	Chikkaballapura - 6.70 Kms (NE)	
	d.	Water Bodies	Kanvinarayanapura Pond - 0.28 kms (S) Chigatenahalli Pond - 2.05 Kms(E)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		--	
19	Details of Land Use in Hectares			
	a.	Area for Mining/ Quarrying	1-20	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area	0-04	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/ Buffer Zone	0-12	
	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	4.47 KLD
			Domestic	1.4 KLD
			Other	1.58 KLD
			Total	7.45 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 meeting to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this project was granted in 2006 and it has expired in 2011. Since 2011 the proponent has stated that the mining has not been carried out. Due to amendments to the KMMC rules the lease period gets automatically extended for 20 years i.e., upto 2026. The proponent has also stated that the quantity mined is 2,300 tons between 2006 and 2012. Since the mining has been stopped much earlier to 13-1-2015 no application was made out for receiving EC. Now the proponent has made out an application to come under the ambit of EC. Firstly he made out an application to DEIAA and subsequent to this DEAC has appraised the proposal and recommended for issue of EC. But the process of issuing EC was not taken forward. The proponent has stated due to change in policy he made out this application to SEIAA.

As seen from the quarry plan there is a level difference of 8 meters within the mining area and taking this factor into consideration the committee opined that only 35% of the proposed quantity can be mined safely and scientifically to a quarry pit depth of 12 meters.

The proponent has stated that there is an existing cart track road to length of 800 meters connecting this quarry to the MDR and running in Govt., land. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has produced a cluster map prepared by DMG wherein it is mentioned that there are no other quarries whose lease has been granted after 9-9-2013 within 500 meter radius from this quarry and all the existing quarries are exempted from the cluster effect.

The proponent has also stated that he will earmark Rs.4 lakhs under CER to take up the works connected with protection and conservation of adjacent Narsimhadevarabetta reserve forest in consultation with the forest authorities and other Environmental Protection works

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment clearance restricting to 35% of the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.40 Proposed Building Stone Quarry Project at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.653) (2-20 Acres) By M/s. Gautham Stone Crusher (SEIAA 108 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Gautham Stone Crusher, No.74, Kanvinarayanapura, Muddenahalli Post, Nandi Hobli, Chikkaballapura Taluk & District, Karnataka-560094
2	Name & Location of the Project	Building Stone Quarry over an extent 2-20 Acres in Government Land at Sy. No. 39of ChikkanagavalliVillage, ChikkabalapurTaluk, Chikkabalapurdistrict, Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 24' 8.2" Longitude:E 77° 40' 13.6"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL.653)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.011 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	Not worked

	of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,87,500Tons/ annum	
14	Quantity of Topsoil/Over burden in cubic meter	No Topsoil.	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	9,868Tons/ Annum	
16	Project Cost (Rs. In Crores)	8.13 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Narasimhadevarabetta Reserved Forest - 0.40 Kms (E)	
	b. Nearest Human Habitation	Chikkaballapura - 6.3Kms(NE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura	
	d. Water Bodies	Kandavara Lake -5.1 Kms(NE) kanivenarayanapura Pond -0.50Kms(S)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	1-18	
	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	0-32	
	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	8.5 KLD
		Domestic	2.85 KLD
		Other	2.54 KLD
		Total	13.03KLD
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 meeting to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this project was granted in 2005 and it has expired in 2010. The proponent has stated that since then the mining has not been carried out. Due to amendments to the KMMC rules the lease period gets automatically extended for 20 years i.e., upto 2025. The proponent has also stated that the quantity mined is 34000 tons between 2006 and 2011. Since the mining has been stopped much earlier to 13-1-2015 no application was made out for receiving EC. Now the proponent has made out an application to come under the ambit of EC. Firstly he made out an application to DEIAA and subsequent to this DEAC has appraised the proposal and recommended for issue of EC. But the process of issuing EC was not taken forward. The proponent has stated that due to change in policy he made out this application to SEIAA.

As seen from the quarry plan there is a level difference of 21 meters within the mining area and taking this factor into consideration the committee opined that only 25% of the proposed quantity can be mined safely and scientifically to a quarry pit depth of 12 meters.

The proponent has stated that there is an existing cart track road to length of 500 meters connecting this quarry to the MDR and running in Govt., land. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has produced a cluster map prepared by DMG wherein it is mentioned that there are no other quarries whose lease has been granted after 9-9-2013 within 500 meter radius from this quarry and all the existing quarries are exempted from the cluster effect. The proponent has also stated that he will earmark Rs.5 lakhs under CER to take up the works connected with protection of adjacent Narsimhadevarabetta reserve forest in consultation with the forest authorities and other Environment protection works

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue environment clearance restricting to 25% of the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.

3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.41 Proposed Building Stone Quarry Project at Sy.No.39 of Kanivenarayanapura Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.202) (9-32 Acres) By M/s. Bhoodevi Blue Metals (SEIAA 109 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/S Bhoodevi Blue Metals, #389, 1st Floor, 13th Cross Sadasivanagar, Bengaluru-560 086
2	Name & Location of the Project	Building Stone Quarry over an extent 9-32 Acres in Govt Gomala Revenue Land at Sy No: 39, Kanivenarayanapura village, Chikkabalapur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 25' 07.4" Longitude:E 77° 26' 26.1"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing (QL.202)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Rvenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	3.965 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	1009.2 m from the Existing pit Level	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	5,00,000 Tons/ annum	
14	Quantity of Topsoil/Over burden in cubic meter	8,093 Cu,m of soil produced in the area	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	1,31,580 Tons	
16	Project Cost (Rs. In Crores)	20.15 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Narasimhadevarabetta Reserved Forest - 3.80Km (NE)	
	b. Nearest Human Habitation	kanivenarayanapura-2.00 Kms(N)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapura	
	d. Water Bodies	Nandi Pond - 3.10 Kms(SE) Kandavara lake - 6.00 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	8-13	
	b. Waste Dumping Area	--	
	c. Top Soil Storage Area		
	d. Mineral Storage Area	0-02	
	e. Infrastructure Area		
	f. Road Area	0-02	
	g. Green Belt Area/ Buffer Zone	1-15	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water in KLD	Dust Suppression	10.9 KLD
		Domestic	1.81KLD

		Other	1.5 KLD
		Total	14.21 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.

The proponent was invited for the 219th meeting to provide required clarification. The proponent remained absent without intimation.

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

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

219.42 Proposed Building Stone / M-Sand Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.85) (2-00 Acres) By M/s. Samith Crystals (SEIAA 110 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Samith Crystals, Sy No: 43, Chikkanagavalli Village, Chikkabalapur Taluk, Chikkabalapur District Karnataka
2	Name & Location of the Project	Building Stone Quarry over an extent 2-00 Acres in Govt Gomala Revenue Land at Sy No: 43, Chikkanagavallivillage, Chikkabalapur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 36' 32.8" Longitude: E 77° 45' 47.8"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL.No. 85)
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	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Not Worked
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,10,907 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	No Waste Availble
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	11,317 Tons
16	Project Cost (Rs. In Crores)	11.09 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest -3.60Km (S)
	b. Nearest Human Habitation	Chikkanagavalli Village - 0.95 Kms(S)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande
	d. Water Bodies	Jonnalakunte Pond - 1.50 Kms(NW) Mandikal Pond - 3.70 Kms(SW) Adhegarahalli Pond - 1.70 Km (S) Kampaganapalli Pons - 3.40 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	1-12
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	0-02
	d. Mineral Storage Area	
	e. Infrastructure Area	
	f. Road Area	0-02

	g.	Green Belt Area/ Buffer Zone	0-24
	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 8.5 KLD
			Domestic 1.85KLD
			Other 2.18 KLD
			Total 12.53 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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this project was granted in 2010 and it has expired in 2015. The proponent has stated that since 2015 the mining has not been carried out till date. Due to amendments to the KMMC rules the lease period gets automatically extended for 20 years i.e., upto 2030. The proponent has also stated that the quantity mined is 16,500 tons between 2010 to 2015. Since the mining has been stopped much earlier to 13-1-2015 NGT orders, no application was made out for receiving EC. Now the proponent has made out an application to come under the ambit of EC. Firstly he made out an application to DEIAA and subsequent to this DEAC has appraised the proposal and recommended for issue of EC. But the process of issuing EC was not taken forward. The proponent has stated that due to change in the policy he made out this application to SEIAA.

As seen from the quarry plan there is a level difference of 38 meters within the mining area and taking this factor into consideration the committee opined that only 70% of the proposed quantity of 2,08,000 cum or 5,54,533 tons can be mined safely and scientifically to a quarry pit depth of 12 meters.

The proponent has stated that there is an existing cart track road to length of 2.65 KM meters connecting this quarry to the NH-7 and running in Govt., land. The

proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has produced a cluster map prepared by DMG wherein it is mentioned that there are eight new leases whose combined area exceeds threshold limit of 5 Ha. But however the proponent claimed exemption from the cluster effect since his lease has been granted prior to 9-9-2013.

The proponent has also stated that he will earmark Rs.4 lakhs under CER to take up the works connected with rejuvenation of existing Adheagarahalli pond which is at a distance of 1.45 KM and also the other Environmental protection works in consultation with the concerned authorities.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue environment clearance restricting to 70% of the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.43 Proposed Building Stone / M-Sand Quarry Project at Sy.No.43 of Chikkanagavalli Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.72) (2-00 Acres) By M/s. Samith Crystals (SEIAA 111 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Samith Crystals, Sy No: 43, Chikkanagavalli Village, Chikkabalapur Taluk, Chikkabalapur District Karnataka
2	Name & Location of the Project	Building Stone Quarry over an extent 2-00 Acres in Govt Gomala Revenue Land at Sy No: 43, Chikkanagavallivillage, Chikkabalapur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 36' 31.4" Longitude: E 77° 45' 53.2"
4	Type of Mineral	Building Stone Quarry

5	New / Expansion / Modification / Renewal	Renewal (QL.No. 72)
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	0.809 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Not Worked
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,17,942 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	No Waste Availble
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	12,034 Tons
16	Project Cost (Rs. In Crores)	11.7 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest -3.60Km (S)
	b. Nearest Human Habitation	Chikkanagavalli Village - 0.90 Kms(S)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande
	d. Water Bodies	Jonnalakunte Pond - 1.60 Kms(NW) Mandikal Pond - 3.80 Kms(SW) Adhegarahalli Pond - 1.60 Km (S) Kampaganapalli Pons - 3.30 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	1-16	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	0-02	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0-02	
	g.	Green Belt Area/ Buffer Zone	0-20	
	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	8.5 KLD
			Domestic	1.85KLD
			Other	2.18 KLD
			Total	12.53 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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this project was granted in 2010 and it has expired in 2015. The proponent has stated that since 2015 mining has not been carried out till date. Due to ammendments to the KMMC rules the lease period gets automatically extended for 20 years i.e., upto 2030. The proponent has also stated that the quantity mined is 21,500 tons between 2010 to 2015. Since the mining has been stopped much earlier to 13-1-2015 NGT orders no application was made out for receiving EC. Now the proponent has made out an application to come under the ambit of EC. Firstly he made out an application to DEIAA and subsequent to this DEAC has appraised the proposal and recommended for issue of EC. But the process of issuing EC was not taken forward. The proponent has stated due to change in the policy he made out this application to SEIAA.

As seen from the quarry plan there is a level difference of 20 meters within the mining area and taking this factor into consideration the committee opined that only 55% of the proposed quantity of 2,21,000 cum or 5,89,710 tons can be mined safely and scientifically to a quarry pit depth of 12 meters.

The proponent has stated that there is an existing cart track road to length of 2.50 KM connecting this quarry to the NH-7 and running in Govt., land. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits. The proponent has produced a cluster map prepared by DMG wherein it is mentioned that there are seven new leases whose combined area exceeds threshold limit of 5 Ha. But however the proponent claimed exemption from the cluster effect since his lease has been granted prior to 9-9-2013.

The proponent has also stated that he will earmark Rs.3 lakhs under CER to take up the works connected with rejuvenation of existing Kamganapalli pond which is at a distance of 3.30 KM and also the other environmental protection works in consultation with the concerned authorities.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting to 55% of the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.44 Proposed Building Stone Quarry Project at Sy.No.5(P) of Uppakuntahalli Village, Gudibande Taluk, Chikkaballapura District (Q.L.No.193) (3-00 Acres) By M/s. Venkateshwara Enterprises (SEIAA 112 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Venkateshwara Enterprise, Vidyanagara Cross, Bettahalasur (P), Bengaluru District, Karnatka-560 001.
2	Name & Location of the Project	Building Stone Quarry over an extent 3-00 Acres in Govt Gomala Revenue Land at Sy No: 05(P), Uppakuntahallivillage, Gudibande Taluk, Chikkabalapur District Karnataka

3	Co-ordinates of the Project Site	Latitude:N 13° 39' 38.0" Longitude:E 77° 47' 31.8"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Existing(QL.No. 193)
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.21 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	862msl Existing Pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	71,322 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	5,400 Cu.m of top soil
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	7,278 Tons
16	Project Cost (Rs. In Crores)	2.97 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Beechaganahally Reserved Forest - 2.25kms (NW)
	b. Nearest Human Habitation	Uppakuntahalli Village - 1.13 Kms (SW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande
	d. Water Bodies	Varlakonda Pond - 2.50 Kms (S) Beechaganahally Lake - 2.80 kms(W)
	e. Other Specify	--
18	Applicability of General	

	Condition of the EIA Notification, 2006			
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	2-08	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	0-02	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area		
	g.	Green Belt Area/ Buffer Zone	0-26	
	h.	Unexplored area	0-04	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	8.5 KLD
			Domestic	1.85KLD
			Other	2.41KLD
			Total	12.76 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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease deed for the same was executed during the year 22-11-2005 and its lease is valid upto 2025 and the proponent has stated that as per the amendments to KMMC rules the lease period will automatically get extended to 2025. The proponent has made out an application to DEIAA and subsequently DEAC appraised this proposal and noted that the proponent has carried out mining in violation of the Hon'ble NGT order dated:13-1-2015 for which the proponent has stated that this observation by DEAC is on the wrong premise and he has produced recent audit report dated 23-3-2019 in which it is mentioned that no mining activity has been carried out during 2015-16, 2016-17 and 2017-2018 and the mining to an extent 22,000 tons was

carried out during 2013 to 2015 and as per the same report total quantity mined since the beginning is 22,000 tons. In view of the above facts the committee decided to categorize this proposal under B2 category and proceeded with the appraisal accordingly. As per the cluster sketch prepared by the DMG there are other two leases out of which one is granted before 9-9-2013 and another granted on 20-1-2016. However the proponent has stated that he has been exempted from the cluster effect since the mining lease was granted before 9-9-2013.

As per the quarry plan there is a level difference of 14 meter within the mining area and taking this into consideration committee opined that the proposed quantity can be mined scientifically and safely with a quarry pit depth of 12 meters. The proponent has stated that there is an existing cart track road to length of 800 meters connecting this quarry to the NH-7 and running in the Govt. land for which the proponent has stated that he has obtained permission from the Govt. to utilize this road. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits.

The proponent has also stated that he will earmark Rs.4.0 lakhs towards the rejuvenation of Beechaganahalli pond which is about 1.1 KM and also other works pertaining to environmental protection work.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.45 Proposed Building Stone Quarry Project at Sy.No.43(P) of Chikkanagavalli Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.189) (5-00 Acres) By Sri Domnic Joseph (SEIAA 113 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Domnic Joseph S/o. Lt. P Joseph, #19, Agara Main Road, Balaji Layout, Joseph Garden Kalyan Nagar, Bangalore - 560043

2	Name & Location of the Project	Building Stone Quarry over an extent 5-00 Acres in Govt Revenue Revenue Land at Sy No: 43(P), Chikkanagavallivillage, Chikkabalapur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 36' 24.3" Longitude: E 77° 45' 34.8"
4	Type of Mineral	Building Stone Quarry
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	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	898m from the Existing pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,25,705 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	No Topsoil available
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	33,080 Tons
16	Project Cost (Rs. In Crores)	6.25 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Narasimhadevarabetta Reserved Forest -3.2 kms (S)
	b. Nearest Human Habitation	Chikkanagavalli-0.85 Kms(SE)
	c. Educational Institutes,	The nearest post and telegraph office, hospital,

		Hospital	schools, police station is situated in Gudibande.	
	d.	Water Bodies	Mandikal Pond - 2.9 Kms(SW) Adhegarahalli Pond - 1.06 Km (S)	
	e.	Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	3.49	
	b.	Waste Dumping Area	0.08	
	c.	Top Soil Storage Area	0.15	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0.20	
	g.	Green Belt Area/ Buffer Zone	1.08	
	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	8.5 KLD
			Domestic	1.85KLD
			Other	3.5 KLD
			Total	13.85 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 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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



219.46 Proposed Building Stone Quarry Project at Sy.No.43(P) of Chikkanagavalli Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.162) (2-30 Acres) By M/s. Abhinandan Stone Crusher (SEIAA 114 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Abhinandan Stone Crusher Sri S N Sreenivas, S/o S Narayanappa, #11, Sonnappanahalli Village, Bangalore North Taluk, Bangalore District, Karnataka.
2	Name & Location of the Project	Building Stone Quarry over an extent 2-30 Acres in Govt Revenue Land in part of Sy No: 43,Chikkanagvallivillage, Chikkabalapur Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 36' 17.8" Longitude:E 77° 45' 34.2"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL.162)
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 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	892.4 m from the Existing pit Level
13	Annual Production Proposed	50,414 Tons/annum

	(Metric Tons/ CUM) / Annum		
14	Quantity of Topsoil/Over burden in cubic meter	No Top soil produced in the area	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	13,265 Tons	
16	Project Cost (Rs. In Crores)	3.12 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Haristala Reserved Forest - 3.00 Kms(S)	
	b. Nearest Human Habitation	Chikkanagavalli Village - 1.80 Kms(S)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande.	
	d. Water Bodies	Mandikal Pond - 2.80 Kms(SW) Kamaganapalli Pond - 2.60 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	1-35.6	
	b. Waste Dumping Area	0-02	
	c. Top Soil Storage Area	0-01.6	
	d. Mineral Storage Area		
	e. Infrastructure Area		
	f. Road Area	0-03.2	
	g. Green Belt Area/Buffer Zone	0-27.6	
	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	8.5 KLD
		Domestic	1.85KLD
		Other	1.91 KLD
		Total	12.26 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 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

219.47 Proposed Building Stone Quarry Project at Sy.No.11 of Janalkunte Village, Chikkaballapura Taluk, Chikkaballapura District (Q.L.No.100) (3-20 Acres) By M/s Sree Shiridi Sai Aggregates (SEIAA 115 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Sree Shiridi Sai Aggregates #447/90,P.G.Road,Peresandra, Chikkaballapura.
2	Name & Location of the Project	Building Stone Quarry over an extent 3-20 Acres in Government Revenue Land at Part of Sy No: 11, Janalukunte village, Chikkaballapur Taluk & District Karnataka.
3	Co-ordinates of the Project Site	Latitude:N 13° 56' 51.1" Longitude:E 77° 45' 47.0"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	1.416 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	902msl
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	40,000 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	600 Cu.m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	10,525 Tons
16	Project Cost (Rs. In Crores)	3.5 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Gollahalli Betta - 3.8 Km (SW) Haristala Reserved Forest - 4.10 Kms(S)
	b. Nearest Human Habitation	Janalakunte Village - 0.86 Km (NW)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Gudibande - 8.2 Km NW
	d. Water Bodies	Janalakunte Pond - 0.75 Km(NW) Chokkanahalli Pond - 0.95 Km(N)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Hectares	
	a. Area for Mining/ Quarrying	1.09
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	--
	e. Infrastructure Area	--
	f. Road Area	0.01
	g. Green Belt Area/ Buffer Zone	0.316
	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	13.5 KLD
			Domestic	0.81KLD
			Other	1.75 KLD
			Total	16.06 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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease deed for the same was executed during the year 21-7-2010 and this lease is valid upto 2030 and the proponent has stated that as per the ammendments to KMMC rules the lease period will automatically gets extended to 2030. The proponent has stated that he has applied for EC to SEIAA during the year 2015 and SEAC during its appraisal noticed that the total area of the mining leases within the 500 meter radius from this proposal is exceeding the then threshold of 25 Ha and classified it as B1 category and recommended for issue of ToRs. Subsequent to this, MoEF has clarified in its notification Dated:1-7-2016 , that the quarry leases granted earlier to 9-9-2013 and the quarry leases for which EC was issued earlier to 15-1-2016 are exempted from cluster effect and consequent to this the proponent has made out an application to DEIAA and subsequently DEAC appraised this proposal and noted that the proponent has carried out mining in violation of the Hon'ble NGT order dated:13-1-2015 for which the proponent has stated that this observation by DEAC is on the wrong premise and he has produced recent audit report dated 24-1-2019 in which it is mentioned that no mining activity has been carried out during 2015-16 and the mining to an extent 5,000 tons was carried out during 2014-15 and as per the same report total quantity mined since the beginning is 5,000 tons. In view of the above facts the committee decided to categorize this proposal under B2 category and proceeded with the appraisal accordingly

As per the quarry plan there is a level difference of 6 meter within the mining area and taking this into consideration committee opined that the proposed quantity of 75,000 cum can be mined scientifically and safely with a quarry pit depth of 6 meters. The proponent has stated that there is an existing cart track road to length of 800 meters connecting concreted road formed jointly by the neighbouring lease holders and this further joins to NH-7. The proponent has also stated that as per baseline data no parameters are exceeding the permissible limits.

The proponent has also stated that he will earmark Rs.3 lakhs under CER to take up the works connected with rejuvenation of existing pond at Jonnalakunte which is at a distance of 750 meters and also the other environmental protection works in consultation with the concerned authorities.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.48 Proposed Green Granite Quarry Project at Sy.No.73 of Siddapura Village, Belur Taluk, Hassan District (4-00 Acres) By Smt. C.T. Chanchalakumari (SEIAA 116 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Smt. C. T. Chanchalakumari W/o H. K. Kumaraswamy, Home No-239, LIG, Housing Board Colony, Kuvempu Nagar, Hassan District, Karnataka
2	Name & Location of the Project	Over an extent of 4-00Acres under (Government Land) Sy No: 73, SiddapuraVillage,BelurTaluk,Hassan District,Karnataka
3	Co-ordinates of the Project Site	Latitude:N 13° 10' 43.7" Longitude:E 75° 59'42.2"
4	Type of Mineral	Hassan Green Granite Quarry
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	1.618 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Green Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,500Cu.m per Annum
14	Quantity of Topsoil/Over burden in cubic meter	4,500 Cu.m of topsoil Available
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	12,500 Cu.m
16	Project Cost (Rs. In Crores)	4.13 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Hagare Reserved Forest - 3.50 Kms(S)
	b. Nearest Human Habitation	Siddapura - 2.10 Kms (N)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Belur.
	d. Water Bodies	Pandithanahalli Lake - 1.70 Kms (SW) Halebeedu Lake - 2.60 kms (NE)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	2-20
	b. Waste Dumping Area	0-32
	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	0-20
	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	8.9 KLD
			Suppression	
			Domestic	1.5 KLD
			Other	0.6 KLD
		Total	11.00 KLD	
23		Storm water management plan	Drains will be constructed along the boundary of activity area	
24		Any other information specific to the project (Specify)	NA	

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

The Proponent and Environment Consultant attended the 219th meeting held on 26-3-2019 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 proponent has stated that the lease for the same has been notified on 26-6-2018 and consequent to this the proponent has applied to DEIAA for issue of EC. Subsequently the DEAC has appraised the proposal during its meeting on 16-11-2018 and recommended for issue of EC and the further process for issue of EC was not carried forward. In view of the change in the policy the proponent has stated that he has made out this application to SEIAA. The committee noted that this is a mining proposal for ornamental stone. The level difference within the mining area is 20 meters and there is top soil to an average depth of one meter. The proponent has also stated that the recovery is 50%. Based on this the recovery of 12,500 cum over a plan period of five years the wastages will be 12,500 cum. The proponent has stated that he has earmarked 32guntas of land for waste dump and he has also stated that the waste will be utilized as building stone after getting necessary permission from the DMG and this has been reflected in the quarry plan. The approach road from the quarry area to the nearest all weather road is an existing cart road to a length of 250 meter which runs in the govt land for this the proponent has stated that he will take necessary permission from the revenue authorities and develop this road.

The proponent has also furnished combined sketch prepared by the DMG showing the number of leases within the 500 meter and as per this there are no other lease areas within the 500 meter. As per baseline studies data all the parameters are within the permissible limits.

Hence, the committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.49 Proposed Building Stone Quarry Project at Sy.No.43(P) of Chikkanagaalli Village, Chikkaballapura Taluk, Chikkaballapura District (2-03 Acres) By M/s. S.N. Ramachandra (SEIAA 117 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. S N Ramachandra S/o S. Narayanappa, #11, Sonnappanahalli Village, Bangalore North Taluk, Bangalore Urban - 562157.
2	Name & Location of the Project	Over an extent of 2-03 Acres under (Government Revenue Land) Sy No: 43(P), Chikkanagavalli Village, Chikkabalapur Taluk, Chikkabalapur District Karnataka.
3	Co-ordinates of the Project Site	Latitude:N 13° 36' 22.0" Longitude:E 77° 45' 35.0"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL No 161)
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	0.839 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	906.9 m Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	28,884Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	There is 0.50m topsoil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	7,600 Tons
16	Project Cost (Rs. In Crores)	4.33crores
17	Environmental Sensitivity	
	a. Nearest Forest	Haristala Reserved Forest - 3.2 Kms(S)
	b. Nearest Human Habitation	Chikkanagavalli -0.68 Kms(SW)
	c. Educational Institutes, Hospital	Gudibanda - 9.2 Kms(NW)
	d. Water Bodies	Mandikal Pond - 2.9 Kms(SW) Adhegarahalli Pond - 1.2 Km (S) Balaganahalli Pond - 4.0 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	1-14
	b. Waste Dumping Area	0-01
	c. Top Soil Storage Area	0-02
	d. Mineral Storage Area	
	e. Infrastructure Area	0-01
	f. Road Area	
	g. Green Belt Area/Buffer Zone	0-25
	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	7.47 KLD
			Domestic	2.4 KLD
			Other	2.51 KLD
			Total	12.38 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 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

219.50 Proposed Chimmalgi Ordinary Sand Quarry Project at Sy.Nos.103/1 & 103/2 of Chimmalgi Village, Badami Taluk, Bagalkote District (10-07 Acres) (4.117 Ha) By Sri Bharmappa D. Pujari (SEIAA 118 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Bharmappa D Pujari S/o. Dusangeppa, ward No.11, Nandishwar Nagar, Pipe Factory, Totada mane, Vidyagiri, Bagalkot, Karnataka-587102
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 10-07 Acres (4.117 Hectares) in Patta Land at Sy. No. 103/1 & 103/2 of Chimmalgi Village, Badami taluk, Bagalkote district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15 ^o 57' 18.6" to N 15 ^o 57' 23.2" Longitude: E75 ^o 51' 27.9" to E75 ^o 51' 24.6"
4	Type of Mineral	Ordinary Sand Quarry
5	New / Expansion / Modification / Renewal	New

6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	4.117 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	3.00m
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	Not Applicable For Patta land
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Land
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	58,882 Tons/ annum
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 1.50m and Sand upto a depth of 3.0m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No waste Availbale
16	Project Cost (Rs. In Crores)	1.95 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Rangasamudra Reseved Forest - 1.13 kms(SW)
	b. Nearest Human Habitation	Upnal Village - 0.42 Km NE
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.
	d. Water Bodies	Rangasamudra Halla - 55 mts (E). Rangasamudra Kere - 1.40 kms(S)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Acres	
	a. Area for Mining/ Quarrying	9-00
	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	1-07	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
			Domestic	0.50 KLD
			Other	1.5 KLD
			Total	5.49KLD
23	Storm water management plan		<ul style="list-style-type: none"> • Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season 	

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

The Proponent and Environment Consultant attended the meeting 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 sand mining in patta land and as per the combined sketch there are no other leases within the 500 meter distance from this lease area. Hence this proposal has been categorized under B2 category and proceeded with the appraisal accordingly.

The committee noted that the patta land wherein the mining is proposed is 50 meters from the Rangasandrahalla. The proponent stated that the dry weather flow of the Rangasandrahalla is 516 meter and average top level of the sand block is 524.5 meters and depth of mining proposed including top soil depth of 1.5 meter is 4.5 meters. Hence the bottom of the mined pit will be at 520meters i.e4.0 meter above dry weather flow of Rangasandrahalla. As far as the depth of mining is concerned the depth adopted is as per the recommendation of the joint inspection team.

The proponent has proposed to take up mining subdividing the lease area into three sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and filling it in the mined block. The total quantity proposed is 1,03,909.50 cum or 1,76,646 tons as against this committee felt that the proposed quantity can be mined safely and scientifically.

The stock yard is situated in Sy.No.103 which is adjacent to the lease area and the proponent has entered into an MOU with the owner of this land. The approach road to a length of 1 KM running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners. As per the baseline data furnished the proponent has stated that no parameter is exceeding the permissible limit. The proponent has agreed to take up rejuvenation of nearby ponds and other Environmental protection works at a cost of Rs.4.0 lakhs under CER.

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

The committee also imposed the following conditions:

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 3) The overall depth of mining shall not exceed 3 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.

219.51 Proposed Building Stone Quarry Project at Sy.No.16 of Vengalappanahalli Village, Magadi Taluk, Ramanagara District (Q.L.No.2447) (10-00 Acres) By M/s. Sri Siddeshwara Industries (SEIAA 119 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s Sri Siddeshwara Industries Prop: Sri. S Tejaswi #1762, 22nd Cross, GovindarajaNagara Bengaluru - 5600 040

2	Name & Location of the Project	Building stone quarry of M/s Sri Siddeshwara Industries Sy. No-16, Vengalappanahalli Village, Magadi Taluk, Ramanagara District, Karnataka		
3	Co-ordinates of the Project Site	P.No.	Latitude	Longitude
		Boundary point-A	N 12°57.144'	E 77°15.808'
		Boundary point-B	N 12°57.021'	E 77°15.808'
		Boundary point-C	N 12°57.033'	E 77°15.842'
		Boundary point-D	N 12°57.932'	E 77°15.814'
		Boundary point-E	N 12°57.947'	E 77°15.755'
		Boundary point-F	N 12°57.022'	E 77°15.750'
4	Type of Mineral	Building Stone.		
5	New / Expansion / Modification / Renewal	Expansion		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land.		
7	Whether the project site fall within ESZ/ESA	-		
8	Area in Ha	4.04 Ha		
9	Actual Depth of sand in the lease area in case of River sand	-		
10	Depth of Sand proposed to be removed	-		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Year	Saleable Building Stone in Tonnes	
		1st	3,98,283	
		2nd	4,17,645	
		3rd	4,36,837	
		4th	4,55,499	
		5th	4,75,350	
		Total	21,83,614	
12	Quantity of Topsoil/Over burden in cubic meter	-		
13	Mineral Waste Handled	1,14,925 tons/annum		

	(Metric Tons/ CUM)/ Annum																									
14	Project Cost (Rs)	65lakhs.																								
15	Environmental Sensitivity																									
	a. Nearest Forest																									
	b. Nearest Human Habitation	Vengalappanahalli 1.1km from the proposed lease area.																								
	c. Educational Institutes, Hospital	Magadi 4.0 km from the proposed lease area.																								
	d. Water Bodies	-																								
	e. Other Specify	-																								
16	Applicability of General Condition of the EIA Notification, 2006																									
17	Details of Land Use in Acres																									
		<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>Particulars</th> <th>Area in Acres</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Area for quarrying</td> <td>8-04</td> </tr> <tr> <td>2</td> <td>Storage of top soil</td> <td>0-03</td> </tr> <tr> <td>3</td> <td>Over burden/Dump</td> <td>0-15</td> </tr> <tr> <td>4</td> <td>Infrastructure</td> <td>0-01</td> </tr> <tr> <td>5</td> <td>Roads</td> <td>0-04</td> </tr> <tr> <td>6</td> <td>Green belt</td> <td>1-13</td> </tr> <tr> <td colspan="2">Total</td> <td>10-00</td> </tr> </tbody> </table>	Sl. No.	Particulars	Area in Acres	1	Area for quarrying	8-04	2	Storage of top soil	0-03	3	Over burden/Dump	0-15	4	Infrastructure	0-01	5	Roads	0-04	6	Green belt	1-13	Total		10-00
Sl. No.	Particulars	Area in Acres																								
1	Area for quarrying	8-04																								
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4	Infrastructure	0-01																								
5	Roads	0-04																								
6	Green belt	1-13																								
Total		10-00																								
18	Method of Mining/ Quarrying	Method of Mining is Semi-Mechanized with Open Cast Method. The mining operation involves drilling, loading and unloading																								
19	Water Requirement																									
	a. Source of water	As no surface water sources are available in the Quarry lease area. Bore well is the source of water used in the Quarry and it is borrowed from nearby village. About 6.0KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression, Afforestation etc.																								
	b. Total Requirement of Water in KLD	<table border="1"> <tbody> <tr> <td>Dust Suppuration</td> <td>2.0</td> </tr> <tr> <td>Domestic</td> <td>2.5</td> </tr> <tr> <td>Other</td> <td>1.5</td> </tr> <tr> <td>Total</td> <td>6.0</td> </tr> </tbody> </table>	Dust Suppuration	2.0	Domestic	2.5	Other	1.5	Total	6.0																
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Other	1.5																									
Total	6.0																									
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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee noted that this is an existing quarry for which the lease was granted on 27-3-2006 for ten years and deemed extension is upto 2026. The mining activity is being carried out continuously since 2006 till today except during the year 2016-17 and 2017-2018 and it was observed that during 2015-2016 the proponent has extracted 40,000 tons of building stone and committee opined that if this extraction is beyond 13-4-2015(including the three months of window period) this amounts to violation of NGT order dated:13-1-2015 for this the proponent has stated that he will come back with the proper details. Hence the committee decided to defer the subject.

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

219.52 Proposed Grey Granite Quarry (Ornamental Stone) Project at Sy.No.31 of Surappannahalli Village, Chintamani Taluk, Chikkaballapura District (Q.L.No.828) (2-00 Acres) By M/s. Archean Granites Pvt. Ltd. (SEIAA 120 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Archean Granites Pvt Ltd., 2nd Stage, Gowtham Nagar, Rabertsonpet, Kolar Gold Fields, Kolar District
2	Name & Location of the Project	Grey Granite Quarry over an extent 2-00 Acres in Govt Gomala Revenue Land at Sy No: 31, Surappannahalli village, Chintamani Taluk, Chikkabalapur District Karnataka
3	Co-ordinates of the Project Site	Latitude: N 13° 16' 19.6" Longitude: E 77° 56' 26.9"
4	Type of Mineral	Grey Granite Quarry
5	New / Expansion / Modification / Renewal	Existing (QL. No. 828)
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	0.808 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 Grey Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	884.4 m from the Existing pit Level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	500 Cu.m/ annum
14	Quantity of Topsoil/Over burden in cubic meter	2,000 Cu,m of soil produced in the area
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	4,664 Tons
16	Project Cost (Rs. In Crores)	1.64 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None Within 5 kms
	b. Nearest Human Habitation	Santhekallahalli Village - 0.60 Kms (N)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chinthamani
	d. Water Bodies	Belahalli pond - 1.70 Kms (E) Akkumanagala Pond - 2.50 Kms(NW)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	0.449
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	
	d. Mineral Storage Area	0.030
	e. Infrastructure Area	
	f. Road Area	0.030
	g. Green Belt Area/ Buffer Zone	0.300
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying
21	Rate of Replenishment in	NA

	case River sand project		
22	Water Requirement		
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water
	b.	Total Requirement of Water in KLD	Dust Suppression 9.5 KLD
			Domestic 1.98KLD
			Other 14.12 KLD
			Total 15.6 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 219th meeting held on 26-3-2019 to provide clarification/additional information.

The committee noted that the lease for this proposal was granted during the year 2009 for ten years. As per amendment to KMMC rules the lease period gets extended to 2039. The proponent has stated that he has carried out mining activity continuously up to 2015 and he has not produced any relevant documents showing that the mining was stopped before 13-1-2015 for which the proponent has stated that he will come back with the relevant documents. Hence the committee decided to defer the subject.

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

27th March 2019

Members present in the meeting

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

The NGT order dated:6-12-2018 pertaining to buffer zone mandated for construction projects was brought to the notice and read before the committee.

EIA proposals:

219.53 Proposed Expansion of existing sugar crushing unit from 5000 TCD to 10000 TCD and co-generation unit from 30 MW to 60 MW at Sy.No.7, 92, 93, 195, 198, 199, 201, 202, 203 & 206 of Badagalli village, Girisagar Gram Panchayat, Biligi Taluk, Bagalkot District By M/s. Bilagi Sugar Mill Ltd (SEIAA 10 IND 2018)

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. K. A. Aziz Executive Vice President, M/s. Bilagi Sugar Mill Limited, Badagandi Village, Girisagar Gram Panchayat, Bilagi Taluk, Dist: Bagalkote
2	Name & Location of the Project	Survey Numbers 7, 92, 93, 195, 198, 199, 201, 202, 203 & 206 falling under the revenue limits of Badagandi Village, Girisagar Gram Panchayat, Bilagi Taluk, Bagalkote district
3	Co-ordinates of the Project Site	16° 21' 18.18" N, 75° 39' 54.86" E
4	Environmental Sensitivity	
	a. Distance from nearest Lake/River/Nala	Alamatti reservoir back water is the major water body & is located at a distance of 5.906 kms in East direction from the project site.
	b. Distance from Protected area notified under wildlife protection act	Not Applicable
	c. Distance from interstate boundary	Karnataka - Maharashtra state boundary - 150 KM
	d. Whether located in critically/severally polluted area as per the CPCB norms	No
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	5(J) > 5000 TCD cane crushing 1(d) Biomass based Thermal Power plants >15 MW
6	New/ Expansion/Modification/ product mix change	Expansion
7	Plot Area (Sq m)	299552

8	Built up area (Sq m)	64768 Sq m
9	Component of development	
10	Project cost (Rs. in Crores)	Rs.280 Crores
11	Details of Land Use (Sq m)	
	a. Ground Coverage Area	
	b. Kharab Land	
	c. Internal Roads	
	d. Paved area/open space	
	e. Parking	
	f. Green belt	62136
	g. Others Specify	
	h. Total	299552 SQM
12	Products and By-Products with quantity (enclose as Annexure if necessary)	Sugar - 30000 MT/M, Molasses - 15000 MT/M Bagasse - 84000 MT/M Press mud - 13500 MT/M Electricity - 60 MW hr
13	Raw material with quantity and their source (enclose as Annexure if necessary)	Sugarcane - 180000 MT/M, locally available. Lime -306 MT/M Sulphur -108 MT/M
14	Mode of transportation of Raw material and storage facility	Using bullock carts and trucks
15	Transportation and storage facility for coal/Bio-fuel in case of thermal power plant	Adequate Storage Tanks are provided.
16	Fly ash production, storage and disposal details whereas coal is used as fuel	The generated fly ash shall be used in composting/manure/Brick manufacturing.
17	Complete process flow diagram and technology employed	The complete flow diagram is given in Pre-Feasibility report.
18	Details of plant and machinery with capacity/ Technology used	Currently 5000 TCD of Sugar Mill and 30 MW Co-generation plant installed.
19	Details of VOC emission and control measures wherever applicable	All necessary air pollution control devices such as ESP installed. The vehicles are regularly serviced and properly maintained.
20	WATER	
	I. Construction Phase	Not Applicable
	a. Source of water	Krishna River
	b. Quantity of water for construction in KLD	Minimal quantity of water will be required for construction as most of the

			expansion activity proposed is mechanical oriented/pre-fabricated.
	c.	Quantity of water for domestic purpose in KLD	80 KLD
	d.	Waste water generation in KLD	Minimal wastewater generation from construction activity. Wastewater, if any generated shall be treated in existing soak pit.
	e.	Treatment facility proposed and scheme of disposal of treated water	Existing ETP shall be utilized for wastewater treatment
	II	Operational Phase	
	a.	Source of water	Krishna River water
	b.	Total requirement of water in KLD	Fresh 1364
			Recycled 3000
			Total 4364
	c.	Requirement of water for industrial purpose/ production in KLD	Fresh 1364
			Recycled 3000
			Total 4364
	d.	Requirement of water for domestic purpose in KLD	Fresh 80
			Recycled 0
			Total 80
	e.	Waste water generation in KLD	Industrial effluent 900
			Domestic sewage 65
			Total 965
	f.	ETP/STP capacity	1000 KLD ETP
	g.	Technology employed for treatment	Both aerobic & anaerobic treatment methods with the state of art Bio-tower & diffused aeration technologies.
	h.	Scheme of disposal of excess treated water if any	The wastewater shall be treated in in-house ETP and the treated wastewater shall be re-used for greenery.
21	Infrastructure for rain water harvesting		Storm water drains are provided throughout the facility taking topography into consideration. The storm water drains are connected to rain water collection chamber. The rain water thus collected is used for greenbelt, vehicle washing etc., after treatment, if necessary.
22	Storm water management plan		
23	Air Pollution		
	a.	Sources of air pollution	Emissions from Boilers and DG set and

			during vehicular movement.
	b.	Composition of Emissions	Particulate matter, SO ₂ , NO _x , CO etc.,
	c.	Air pollution control measures proposed and technology employed	Air Pollution Control Devices (APCDs) including ESPs to comply with emission standards prescribed Also, the Boiler will be provided with a 92 m stack. The emissions from the DG sets are minimal since they will be operated only during power failures. All the vehicles will be regularly serviced and maintained properly to minimize emissions. All the internal roads will be maintained properly to minimize dust generation.
24	Noise Pollution		
	a.	Sources of Noise pollution	Source of noise pollution will be from compressors and DG set,
	b.	Expected levels of Noise pollution in dB	<70 dB
	c.	Noise pollution control measures proposed	All the equipment/vehicles shall be regularly maintained. Employees will be provided with PPE like ear plugs, helmets, safety shoes, etc. as necessary. Greenbelt will be further developed all along the boundary and along the roads for reducing the noise levels within the project.
25	WASTE MANAGEMENT		
	I.	Operational phase	
	a.	Quantity of solid waste generated per day and their disposal	Biodegradable Non-Biodegradable
			A maximum of about 25 to 50 kilograms of solid waste will be generated per day. To prevent cross-contamination, solid waste generated within the premises shall be disposed appropriately. Bagasse will be used as fuel for boilers.
	b.	Quantity of Hazardous Waste generation with source and mode of disposal as per norms	Waste oil from DG set will be sent to authorized dealers for disposal
	c.	Quantity of E Waste generation with source and mode of disposal as per norms	E-waste generation is expected to be minimal. E-waste if any generated will be sent to

		authorized recyclers for disposal.
26	Risk assessment and disaster management	Risk assessment and disaster management studies will be provided in detail in EIA Report
27	POWER	
	a. Total Power Requirement in the Operational Phase with source	To run 10000 TPD & 60 MW plant, around 12.5 MW is the requirement of power which will be obtained from 60MW cogeneration plant. Excess will be connected to the grid.
	b. Numbers of DG set and capacity in KVA for Standby Power Supply	Two DG sets of 250 kVA & 500 KVA will be used for emergency power backup.
	c. Details of fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boiler and DG set are the prime fuel consuming equipment in the facility. Bagasse and coal will be used as fuel for Boiler and High Speed Diesel (HSD) will be used as fuel for DG set.
	d. Energy Conservation plan and percentage of savings including plan for utilization of solar energy as per ECBC 2007	LED lighting shall be preferred. Energy efficient equipment shall be utilized. Solar lighting shall be installed for street lighting.
28	PARKING	
	a. Parking requirement as per norms	Provided.
	b. Internal Road width (RoW)	5 m
29	Any other information specific to the project (Specify)	

The proponent was invited for the meeting to provide additional information and clarification.

The Proponent and Environmental consultants attended the 195th meeting held on 28-3-2018 to provide clarification/additional information.

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

The committee noted that this is a proposed expansion of existing 5000 TCD to 10000 TCD and 30 MW Co-generation to 60 MW Co-generation by M/s. Bilagi Sugar Mill Ltd at Badagandi Village, Girisagar Gram Panchayat, Bilagi Taluk, Bagalkote district, Karnataka State.

The Committee after discussion decided to consider the proposal as B1 and decided to recommend the proposal to SEIAA for issue Standard ToRs with following additional ToRs for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines.

Additional TORs.

- 1) Scheme for odour management may be detailed.
- 2) Scheme for converting press mud into compost to be detailed.
- 3) Details of other nearby sugar industries with distance from the proposed plant to be furnished.
- 4) Details of villages in 10 km radius with distance from the plant.
- 5) Details of CFE and CFO with compliance to the same be furnished.
- 6) Chimney height to be evaluated and justified.
- 7) Steps taken to increase the efficiency of Steam conservation and utilization in the process.

Accordingly ToRs were issued on 28-5-2018.

The proponent has submitted the final EIA report on 18-2-2019. The same was placed before the committee for appraisal.

The Proponent and Environment consultant attended the meeting to provided required clarification and additional information. At the outset committee observed that there are some issues which are not complied as per the EC and CFO conditions. The committee after discussion decided to proceed with appraisal mandating the proponent to comply with all the conditions.

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

- 1) The proponent to submit Wildlife Protection Action plan for Schedule-I fauna if any in consultation with forest department with budget backup and time bound.
- 2) Submit the scientific names of all the existing and proposed tree species for green belt.
- 3) Submit the action plan to be carried out to improve the Yedehalli Bird Sanctuary and Biligi lake in consultation with forest department along with budget backup and time frame.)
- 4) Revise water balance chart incorporating the scheme for condensing polishing units to reduce the effluent discharge.
- 5) Provide detailed feasibility working for alternate greener fuels to replace coal in the boilers.
- 6) Provide the feasibility study for scheme of clarification process to eliminate sulphur content in the sugar which has harmful effects.
- 7) Air modeling Isopleths to be super imposed on google map with the sensitive receptors identified.
- 8) Revised EMP budget incorporating erection of solar panels, Condensate polishing units and drilling and monitoring of test borewells.
- 9) MOU for disposal of hazardous waste & flyash may be furnished.

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

above information.

219.54 Proposed expansion project of Synthetic Organic Chemicals and Cosmetics manufacturing unit and R&D facility(1263.2 TPA) including Repacking Products of 135.6 TPA at Plot Nos.78A, 55 & 134P of Kolhar Industrial Area, Bidar Taluk & District, by M/s. Vivimed Labs Ltd., Unit-1(SEIAA 44 IND 2018)

Title of the Project	Proposed Expansion Project of Synthetic Organic Chemicals, Cosmetics manufacturing unit, R&D facility and Repacking Products (1263.2 TPA) in Plot Nos. 78A, 55 & 134P, KIADB, Kolhar Industrial Area, Bidar Taluk & District, Karnataka State by M/s. Vivimed Labs Limited, Unit-I																																																			
Category of Project	B																																																			
Project Proponent	Mr. Santhosh Varalwar, MD & CEO Authorised Signatory: S. Raghunandan, Director -Operations M/s. Vivimed Labs Limited																																																			
Land acquired	3.62 Ha, (36178 sq.m). incl. Existing Land of 1.2 Ha (Plot no. 78A – Main plot). Total land is in possession of Project Proponent.																																																			
Cost of the expansion Project	Rs.42 crores (Incl. Existing)																																																			
Cost towards environmental Protection measures	Capital :Rs. 8 Crores Recurring Cost : Rs. 17.4 Crores per annum																																																			
Proposed facilities	<ol style="list-style-type: none"> Additional Production Blocks, Raw materials / finished products stores, Utilities, Q.C & Q.A, Solvent storage area, Solvent recovery system, Upgraded Effluent Treatment Plant with Zero Liquid Discharge, etc. Fire hydrant facility for additional facilities First Aid kits at all prominent places in additional facilities with Ambulance. 																																																			
Production capacity	<p>Proposed products and their capacities: 15 Products from Group-A + 18 Products from Group-B (Dyes) + any One Product from Group-C (Dyes) out of 2 Products + any three Products from Group-D (Dyes) Out of 7 Products from total 42 products & R&D Products (1263.2 TPA)</p> <table border="1"> <thead> <tr> <th>Sl. No</th> <th>Product</th> <th>Quantity (Kg/day)</th> <th>Quantity (TPA)</th> <th>Category of Product</th> </tr> </thead> <tbody> <tr> <td colspan="5">Group-A (Organics)</td> </tr> <tr> <td>1</td> <td>Triclosan (Viv-20)</td> <td>1066.7</td> <td>384</td> <td rowspan="7">Specialty Chemicals</td> </tr> <tr> <td>2</td> <td>Trisodium ascorbyl-2-Phosphate (C-Vite)</td> <td>66.7</td> <td>24</td> </tr> <tr> <td>3</td> <td>(R)-[3-(3-Fluoro-4-morpholinophenyl)-2-oxo-5-oxazolidinyl]methyl methanesulfonate</td> <td>8.3</td> <td>3</td> </tr> <tr> <td>4</td> <td>10,11-Dihydro-11-oxodibenzo[b,f][1,4]thiazepine (DPQ)</td> <td>33.3</td> <td>12</td> </tr> <tr> <td>5</td> <td>1-Hydroxyethylethoxypiperazine</td> <td>66.7</td> <td>24</td> </tr> <tr> <td>6</td> <td>Disodium Pamoate (DSP)</td> <td>33.3</td> <td>12</td> </tr> <tr> <td>7</td> <td>3-(4-Methylbenzoyl)propionic acid</td> <td>16.7</td> <td>6</td> </tr> <tr> <td>8</td> <td>4-(Hydroxymethyl)-4-methyl-1-phenyl pyrazolidin-3-one (HMP)</td> <td>66.7</td> <td>24</td> <td rowspan="2">Imaging Chemicals</td> </tr> <tr> <td>9</td> <td>1-Phenyl-4-methyl-3-pyrazolidone (MPP)</td> <td>66.7</td> <td>24</td> </tr> </tbody> </table>				Sl. No	Product	Quantity (Kg/day)	Quantity (TPA)	Category of Product	Group-A (Organics)					1	Triclosan (Viv-20)	1066.7	384	Specialty Chemicals	2	Trisodium ascorbyl-2-Phosphate (C-Vite)	66.7	24	3	(R)-[3-(3-Fluoro-4-morpholinophenyl)-2-oxo-5-oxazolidinyl]methyl methanesulfonate	8.3	3	4	10,11-Dihydro-11-oxodibenzo[b,f][1,4]thiazepine (DPQ)	33.3	12	5	1-Hydroxyethylethoxypiperazine	66.7	24	6	Disodium Pamoate (DSP)	33.3	12	7	3-(4-Methylbenzoyl)propionic acid	16.7	6	8	4-(Hydroxymethyl)-4-methyl-1-phenyl pyrazolidin-3-one (HMP)	66.7	24	Imaging Chemicals	9	1-Phenyl-4-methyl-3-pyrazolidone (MPP)	66.7	24
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10	1-Phenyl-3-Pyrazolidone (PHN)	66.7	24	Photochromics
11	4,4-Dimethyl-1-phenyl pyrazolidin-3-one (DPP)	16.7	6	
12	Platinum Gray	0.3	0.1	
13	Volcanic Gray	0.1	0.04	
14	Fountain Blue	0.1	0.04	
15	5-Nitrobenzimidazole	16.7	6	
Total 15 Products		1525.5	549.2	
Group-B (Dyes)				
1	2,4,5,6-Tetraaminopyrimidine Sulfate	3.3	1.2	Hair Dyes
2	2-Methyl-5-hydroxyethyl amino phenol (2M5HEAP)	16.7	6	
3	Nitroblue (Blue 12)	3.3	1.2	
4	1-(3,5-Dimethyl-4-aminophenyl)-1-(3,5-dimethylimino phenyl)-1-(2,6-dichlorophenyl) methane Phosphate (Jade Blue/Blue 15)	3.3	1.2	
5	MethylaminodimethylaminoPropylaminoPropylbromideanthraquinone (BQB/Blue 16)	6.7	2.4	
6	2,2'-[[4-[(2-Hydroxyethyl) amino]-3-nitrophenyl] imino] bisethanol (Blue-2)	13.3	4.8	
7	2,4-Diamino phenoxyethanolDihydrochloride (DPE HCl)	33.3	12	
8	2,4-Diamino phenoxyethanol Sulfate (DPE Sulfate)	16.7	6	
9	4-Hydroxyethylamino-3-nitro toluene (HNT)	1.7	0.6	
10	3-Nitro-4-(2-hydroxy ethyl) amino phenol (NHEAP)	6.7	2.4	
11	Yellow-2	3.3	1.2	
12	1-Acetoxy-2-methyl naphthalene (AMN)	3.3	1.2	
13	1,2,4-Trihydroxybenzene (1,2,4-THB)	10.0	3.6	
14	2-Amino-4-hydroxyethylaminoanisole sulfate (AHEA)	16.7	6	
15	1,4-Violet D	13.3	4.8	
16	Aminol	16.7	6	
17	Betoxol Sulfate	16.7	6	
18	C6-Pyrazole	16.7	6	
Group-B (Dyes) 18 Products at a time		201.7	72.6	
Group-C (Dyes)				
1	2-Methoxymethyl-1,4-benzenediamine (MBB)	100.0	36	Hair Dyes
2	2,5-Diaminotoluene Sulfate (TDS)	1000.0	360	
Group-C (Dyes) Max. Any One product at a time		1000.0	360	
Group-D (Dyes)				
1	4,5-Diamino-1-(2-hydroxy)ethyl pyrazole sulfate (AHP)	166.7	60.0	Hair Dyes
2	m-Aminophenol (MAP)	66.7	24.0	
3	p-Phenylenediamine (PPD)	133.3	48.0	
4	2-(4-Amino-2-nitroanilino)-ethanol (RED-3)	33.3	12.0	
5	4-Amino N,N-Bis (2-hydroxyethyl) aniline sulfate (BHP)	100.0	36.0	

6	3-Nitro-N-(2-hydroxy propyl)-4-aminophenol (RED BN)	16.7	6.0
7	4-Fluoro-3-Nitroaniline (FNA)	33.3	12.0
Group-D (Dyes) Max. any three products at a time		400	144
15 Products from Group-A + 18 Products from Group-B(Dyes) + any One Product from Group-C (Dyes) out of 2 Products + any three Products from Group-D (Dyes) Out of 7 Products		3127.2	1125.8
R&D facility			
1.	R&D Products	5	1.8
15 Products from Group-A + 18 Products from Group-B(Dyes) + any One Product from Group-C (Dyes) out of 2 Products + any three Products from Group-D (Dyes) Out of 7 Products & R&D Products		3132.2	1127.6

List of Repacking Products with Capacities:

S. No	Trading Products Repacking	Chemical Names	Quantity (Kg/month)	Quantity (TPA)
1	Jarocol AN	(1-naphthol)	500	6
2	Jarocol ACC	(3-amino-2-chlor-6-methylphenol)	100	1.2
3	Jarocol 2M5AP	(2-methyl-5-minophenol)	2000	24
4	Jarocol 2A3HP	(2-aminopyridin-3-ol)	500	6
5	Jarocol RL	Resorcinol	2000	24
6	Jarocol 2MR	(2-methylresorcinol)	2000	24
7	Jarocol 4CLR	(4-Chlororesorcinol)	200	2.4
8	Jarocol PAP	Aminophenols (O-, M-, P-)	1000	12
9	Jarocol 4A3MP	(4-Amino-3-methylphenol)	300	3.6
10	Jarocol PMAP	(Bis(4-hydroxy-N-methylanilinium) sulphate)	300	3.6
11	Jarocol 2NPPD	2- Nitro-p-phenylenediamine	100	1.2
12	Jarocol 4A3NP	4-Amino-3-nitrophenol	300	3.6
13	Jarocol 4NOPD	4-Nitro-o-pheyleneiamine	200	2.4
14	Jarocol Straw Yellow	Basic Yellow 57	100	1.2
15	Jarocol Citrus Yellow	Basic Yellow 87	200	2.4
16	Jarocol Flame Orange	Basic Orange 31	100	1.2
17	Jarocol Madder Red	Basic Red 76	100	1.2
18	Jarocol Cherry Red	Basic Red 51	100	1.2
19	Jarocol Steel Blue	Basic Blue 99	500	6
20	Jarocol Ebony	Mixture	100	1.2
21	Jarocol Sienna Brown	Basic Brown 17	100	1.2
22	Jarocol Mahogany	Basic Brown 16	500	6
Total			11300	135.6

Proposed air pollution control measures	<p>Process Emissions: HCl, NH₃, H₂, N₂, n-Butane and CO₂ emissions are generated from the process. HCl and NH₃ emissions will be scrubbed with water/caustic/dil.HCl based on nature of gas and the scrubbing liquid sent for further treatment and reuse. H₂ and n-Butane will be diffused with flame arrestor and N₂&CO₂ will be dispersed into atmosphere.</p> <p>Boiler emissions: Multicyclone separators and bag filters with a suitable stack height are installed for controlling the Particulate emissions from the Proposed 5 TPH and existing 3 and 1 TPH coal fired boilers and Proposed 6 and 4 lac K.cal/hr coal fired thermic fluid heaters.</p> <p>DG sets: Stacks are provided to the existing DG sets of Proposed 2 nos. of 500 KVA in addition to the Existing 2 nos. of 380D.G sets and Existing 6 & 4 lac.Kcal/hr Thermic fluid heaters. DG sets will be used as standby during power failure.</p> <p>Solvent emissions: About 51.5 KLD solvents will be used per day, out of which 49.6 KLD (95.4%) solvents will be recovered in In-house Solvent Recovery System with double condensers facility, 1.6 KLD (2.52%) will be handling losses.</p>											
Water Requirement	Proposed-475.2KLD (Fresh water requirement is 344.2KLD and Balance 131 KLD recycled after treatment) Source : Tankers/KIADB Supply											
Wastewater treatment	<table border="1"> <thead> <tr> <th data-bbox="438 862 829 929"><i>Effluent Type</i></th> <th data-bbox="829 862 1532 929"><i>Treatment Flow</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="438 929 829 1198"> Process - Organic, DM & Scrubber Qty.: 61.2 KLD HTDS/COD HTDS > 5000 mg/l HCOD > 5000 mg/l </td> <td data-bbox="829 929 1532 1198"> Collection → Equalization → Neutralization → Settling → Holding tank → Steam stripper → MEE along with Scrubber & DM effluent → MEE Condensate to ETP → MEE Concentrate to ATFD → ATFD Condensate to ETP. Salts to TSDF. Stripped solvents to SPCB authorized cement industries </td> </tr> <tr> <td data-bbox="438 1198 829 1512"> Process -dye Qty.: 34 KLD HTDS/COD HTDS > 5000 mg/l HCOD > 5000 mg/l </td> <td data-bbox="829 1198 1532 1512"> Collection → Equalization → Neutralization → Settling → Holding tank → Steam stripper → MEE along with Scrubber & DM effluent → MEE Condensate to ETP through Carbon filter MEE Concentrate to ATFD → ATFD Condensate to ETP through Carbon filter. Salts to TSDF. Stripped solvents to SPCB authorized cement industries </td> </tr> <tr> <td data-bbox="438 1512 829 1803"> Washings, Boiler, Cooling Tower, QC & R&D LTDS/LCOD Qty.: 44 KLD LTDS < 5000 mg/l LCOD < 5000 mg/ </td> <td data-bbox="829 1512 1532 1803"> Collection → Equalization → Neutralization → Settling → Holding tank → Biological treatment along with Domestic (overflow from septic tank) → Dual Sand filter → Activated carbon filter → R.O. system → Permeate to Utilities. R.O rejects → Forced evaporation → condensate to utilities. Salts to TSDF. </td> </tr> <tr> <td data-bbox="438 1803 829 1881"> Domestic Qty.: 10 KLD </td> <td data-bbox="829 1803 1532 1881"> Sent to ETP along with LTDS / LCOD Effluent </td> </tr> </tbody> </table>	<i>Effluent Type</i>	<i>Treatment Flow</i>	Process - Organic, DM & Scrubber Qty.: 61.2 KLD HTDS/COD HTDS > 5000 mg/l HCOD > 5000 mg/l	Collection → Equalization → Neutralization → Settling → Holding tank → Steam stripper → MEE along with Scrubber & DM effluent → MEE Condensate to ETP → MEE Concentrate to ATFD → ATFD Condensate to ETP. Salts to TSDF. Stripped solvents to SPCB authorized cement industries	Process -dye Qty.: 34 KLD HTDS/COD HTDS > 5000 mg/l HCOD > 5000 mg/l	Collection → Equalization → Neutralization → Settling → Holding tank → Steam stripper → MEE along with Scrubber & DM effluent → MEE Condensate to ETP through Carbon filter MEE Concentrate to ATFD → ATFD Condensate to ETP through Carbon filter. Salts to TSDF. Stripped solvents to SPCB authorized cement industries	Washings, Boiler, Cooling Tower, QC & R&D LTDS/LCOD Qty.: 44 KLD LTDS < 5000 mg/l LCOD < 5000 mg/	Collection → Equalization → Neutralization → Settling → Holding tank → Biological treatment along with Domestic (overflow from septic tank) → Dual Sand filter → Activated carbon filter → R.O. system → Permeate to Utilities. R.O rejects → Forced evaporation → condensate to utilities. Salts to TSDF.	Domestic Qty.: 10 KLD	Sent to ETP along with LTDS / LCOD Effluent	
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Domestic Qty.: 10 KLD	Sent to ETP along with LTDS / LCOD Effluent											
Recycle &	Zero Liquid Discharge: Treated effluent will be reused in Cooling Towers.											

Reuse		Domestic wastewater sent to Biological Treatment of ETP.				
Solid/Hazardous waste management and disposal	Sl. No.	Source	Proposed Quantity (TPD)	Handling Method	Disposal	
	1	Organic residue	4.8	HDPE Drums	Sent to KSPCB Authorized Cement industries as alternate fuel for co-processing / TSDF	
	2	Spent carbon	0.84			
	3	Distillation residue (0.1% of spent solvents)	0.02			
	4	Inorganic & Evaporation salt (Process)	13.4	HDPE Drums	Sent to KSPCB Authorized Cement industries / TSDF	
	5	Evaporation salt (Non-Process)	0.4			
	6	ETP Sludge	0.3			
	7	Boiler Ash	16.4	Stored in covered area	Sold to Cement Brick Manufacturers	
	Other Hazardous Waste generation from the Plant					
	8	Detoxified Container / Liners drums, HDPE Carboys, Fiber Drums,	500 Nos./ month	Designated covered area	Disposed to KSPCB Authorized agencies after complete detoxification	
	9	PP Bags / Aluminum bags	200 Kg/month			
	10	Waste oils & Grease	2 KL/A	Stored in Drums	Sent to KSPCB Authorized agencies for reprocessing / recycling.	
	11	Used Lead acid Batteries	50 Nos. / annum	Designated covered area	Sent to suppliers on buy-back basis.	
	12	Misc. Waste (spill control waste)	12 TPA	Stored in Drums	TSDF	
	13	Spent catalyst	2 TPD	Stored in Drums	Sent to suppliers on buy back basis	
	14	Spent H ₂ SO ₄	11 KLD	Stored in Drums	Sold as byproduct / to end users	
	15	Spent solvents (with moisture) (solvents 20+water 1)	21 KLD	Stored in Drums / Tanks	Sent to In-house Solvent Recovery System	
	16	Recovered Solvents from spent solvents	16 KLD	Tanks/ Drums	Reuse in process / Authorized Recyclers	
	17	Spent Mixed solvents (from SRS & ETP) (4 + 0.3)	4.3 KLD	Stored in Drums / Tanks	Sent to KSPCB Authorized Recyclers / Cement industries	
18	E-waste	1 TPA	Designated covered area	Sent to KSPCB authorized agencies		
19	Canteen food waste	0.1 TPD	HDPE Bags	Disposed to Village authorized agencies		

	20	Paper waste & Misc.	0.1 TPD	HDPE Bags	Scrap Venders
Greenbelt	1.61 Ha (16086.7 sq. m) (44.5%)				

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 213rd meeting held on 3rd December 2018 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. The proponent has stated that there are two separate units one of which in plot No.54P was under violation category for not obtaining EC as per the 2006 EIA Notification. The other one spread over Plot No.78A, 55 & 134P which is the subject matter for this appraisal is not under violation category since the EC has been obtained as per 1994 EIA Notification during the year 2004.

Hence the committee after discussion 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. List of products deleted, quantity reduced/increased and impact due to these alterations.
2. Considering the worst case scenario, which product will give maximum Wastage/pollution and is to be addressed in detail in EIA report.
3. Whether the treatment facility provided should have capacity to handle max. Waste generated by a particular product.
4. Whether any banned/hazardous solvent are used in the process and replacement if any is to be explained.
5. The consumption of water is reduced due to change in products needs to be explained in detail.
6. Explore the possibility of using the recycled product instead of giving to a person for handling recycled solvents.
7. Solvent storage capacity due to increase in no. of API's to be given.
8. Compliance to earlier EC to be submitted in EIA.
9. Detailed design of green belt.
10. An MOU with ACC for use of hazardous waste.
11. Material balance & mass balance (ratio between product and waste generated)
12. Storm water outlet quality monitored continuously for all the rainy days for June & July months.
13. Revised water balance chart considering storm water fed to ETP
14. ETP flow sheet with quality and quantity for unit operation.
15. Additional raw water requirement.
16. Explore the possibility of adopting alternatives for hydrogenation.

17. Explain the process involved in repacking and its chemical reaction if any and explain whether this is a permitted activity in the existing pharmaceutical industry.
18. Green chemistry adopted for the processes may be detailed.

Accordingly ToRs were issued on 19-1-2019. The Proponent has submitted the final EIA report on 13-2-2019. The same was placed before the committee for appraisal.

The Proponent and Environment consultant attended the meeting to provide required clarification and additional information.

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

- 1) Super imposing air modeling of solvent risk assessment on google image may be detailed.
- 2) Fugitive emission details may be submitted.
- 3) Worst case Scenario in case of H₂SO₄ may be detailed.
- 4) Submission of proposal for rejuvenation of lakes in Andur and Belur lake as part of CER.

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

Deferred ToR Subjects:

219.55 Proposed Expansion of Non Residential development (Office & Hotel) at Sy.No.25, 26/1, 26/2, 26/3, 26/4, 26/5, 26/6, 29/7, 36/1, 36/2, 36/3, 36/4, 36/5, & 37/3 of Byatarayanapura Village, Yelahanka Hobli, Bangalore North Taluk, Bangalore by M/s. Madhuvan Enterprises (SEIAA 15 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Nagendra M VP-Project, Design & Development. No. 3/1, 4 th Floor, JP Techno Park, Millers Road, Vasanthanagar, Bangalore-560 052, Karnataka
2	Name & Location of the Project	Expansion of Non - Residential Development Project by M/s Madhuvan Enterprises. Located at Sy. No. 25, 26/1, 26/2, 26/3, 26/4, 26/5, 26/6, 26/7, 36/1, 36/2, 36/3, 36/4, 36/5, 37/3, BBMP Khata No 409/25, 26/1, 2, 3, 4, 5, 6, 7 & 36/1,2,3,4,5 & 37/3 Byatarayanapura village, Yelahanka Hobli, Bangalore North Taluk, Bangalore.

3	Co-ordinates of the Project Site	13° 3'43.37"N 77°35'24.59"E 13° 3'40.47"N77°35'34.73"E 13° 3'38.63"N77°35'24.06"E 13° 3'36.74"N77°35'34.14"E									
4	Environmental Sensitivity										
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Amruthahalli lake - 0.35 Km, E Hebbal lake - 1.35 Km, S Nagavara Lake - 1.95 Km, SE Rachenahalli Lake - 1.81 Km, E									
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	As per the village map there is tertiary nala passing inside the project side on northern side, a buffer of 25 mts from the edge of the nala on both sides is left. Another tertiary nala passing outside the project boundary on southern side at a distance of 18 m, from project boundary, hence a buffer of 7m is also left.									
5	Type of Development										
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Expansion of Non - Residential Development Project									
b.	Residential Township/ Area Development Projects	-NA-									
6	Plot Area (Sqm)	The plot area of the project is 52,456.94 Sq.m.									
7	Built Up area (Sqm)	Total built-up area proposed will be 3,65,800.11 Sq.m									
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Expansion of Non - Residential Development Project building in two blocks, Block-1 consists of Hotel with built up area 26,986.06 Sq m and Block-2 consists of office with built up area 3,38,814.05 Sq m. Characteristics of each building is as follows: <table border="1" data-bbox="624 1435 1410 1671"> <thead> <tr> <th>Description</th> <th>Building Configuration</th> <th>Height of The Building</th> </tr> </thead> <tbody> <tr> <td>Block - 1 (Hotel)</td> <td>3B + G + 17 UF</td> <td>77.6 m</td> </tr> <tr> <td>Block - 2 (Office)</td> <td>4B + G + 17 UF</td> <td>77.6 m</td> </tr> </tbody> </table>	Description	Building Configuration	Height of The Building	Block - 1 (Hotel)	3B + G + 17 UF	77.6 m	Block - 2 (Office)	4B + G + 17 UF	77.6 m
Description	Building Configuration	Height of The Building									
Block - 1 (Hotel)	3B + G + 17 UF	77.6 m									
Block - 2 (Office)	4B + G + 17 UF	77.6 m									
9	Number of units in case of Construction Projects	Expansion of Non - Residential Development Project building in two blocks, Block-1 consists of Hotel with built up area 26,986.06 Sq m and Block-2 consists of office with built up area 3,38,814.05 Sq m.									
10	Number of Plots in case of Residential Township/	-NA-									

	Area Development Projects	
11	Project Cost (Rs. In Crores)	Rs.700 Crores
12	Recreational Area in case of Residential Projects / Townships	-NA-
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	18,831.89 Sq.m
b.	Kharab Land	1618.73 Sq. m
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	Landscape area - 9423.67 Sq.m
d.	Internal Roads	Roads & Pavements - 11,808.96 Sq. m
e.	Paved area	
f.	Others Specify	Vacant area - 14,011.59- Sq. m
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Park & open surface - 5559.08 Sq. m
h.	Total	The plot area of the project is, 52,456.94 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	Construction Debris - 732 cum) It will be reused / recycled for back filling / sub base work for roads, pavements/drains etc., within the proposed project site premises.
b.	Total quantity of Excavated earth (in cubic meter)	281611.63 cum

c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	Sl. No.	Item	Quantity (Cum)
		01	Back filling to be done between foundations	101795
		02	Landscape	47903.3
		03	Roads & Walkways	59879.1
		04	For site formation	68860.98
		05	Top Soil reused for Landscaping work	3173.25
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	Treated waste water from Century Saras and Linea project.		
b.	Quantity of water for Construction in KLD	125 KLD		
c.	Quantity of water for Domestic Purpose in KLD	50 KLD for the proposed labour colony		
d.	Waste water generation in KLD	43 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	837 KLD	
		Recycled	517 KLD	
		Total	1354 KLD	
b.	Source of water	BWSSB		
c.	Waste water generation in KLD	1164 KLD		
d.	STP capacity	1286 KLD		
e.	Technology employed for Treatment	Sequencing Batch Reactor (SBR)Technology		
f.	Scheme of disposal of excess treated water if any	No excess of treated water		
16 Infrastructure for Rain water harvesting				
a.	Capacity of sump tank to	230 cum		

	store Roof run off	
b.	No's of Ground water recharge pits	40 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 = 1000 no's (considering @ 0.25 Kg /day /person) Solid waste generation= 1000X 0.25 = 250 Kgs /day.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	6.70 MT/day organic waste and 4.46 MT/day inorganic waste generated from office building and also 0.72 MT/day organic waste and 0.48 MT/day inorganic waste generated from Hotel building.
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	Total 12.36 MT/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 re- processors
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	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	15 kg/annum
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	7.42 MT/day organic waste Organic waste will be treated in organic waste converter and will be handover to authorized processors and will maintain within the CPCB standards
19	POWER	
a.	Total Power Requirement - Operational Phase	The Connected load for the proposed project during operational phase is 9609 KW.
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2x 500 KVA, 1 x 380 KVA & 6 x 2500KVA
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 energy will be utilized for lighting of common areas and Solar water heaters are considered on solar power. It will result in energy saving equal to about 57.2%

20	PARKING																								
a.	Parking Requirement as per norms	Parking required : <table border="1"> <thead> <tr> <th>Activity</th> <th>Area/Unit</th> <th>Parking At</th> <th>Required Car Parking</th> </tr> </thead> <tbody> <tr> <td>Block - 1 (Hotel)</td> <td></td> <td>1car/50s</td> <td>164</td> </tr> <tr> <td>Block - 2 (Office)</td> <td></td> <td>qm</td> <td>4254</td> </tr> <tr> <td colspan="3">10% Visitor's Parking</td> <td>441</td> </tr> <tr> <td colspan="3">Total</td> <td>4861</td> </tr> </tbody> </table>	Activity	Area/Unit	Parking At	Required Car Parking	Block - 1 (Hotel)		1car/50s	164	Block - 2 (Office)		qm	4254	10% Visitor's Parking			441	Total			4861			
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Total		4861 No.s																							
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	The present level of service will remain "C, C, C & B" along Bangalore - Hyderabad Highway (NH-7) respectively. C-Good & B- Very Good																							
c.	Internal Road width (RoW)	8m																							

The proposal was placed before the committee for appraisal.

The proponent was invited for the 216th meeting held on 14-2-2019 to provide required clarification. The proponent remained absent with a intimation that the project proponent was not in station.

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

The proponent was invited for the 219th meeting held on 27-3-2019 to present ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, Conceptual pain 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) 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 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.
- 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 modeling.
- 14) 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.

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

EIA Proposals:

219.56 Proposed Expansion of Building and Construction Project of mixed use development comprising of Residential, SEZs, Retail, Commercial, Multiplex-sparkle One Mall at Khata No.239/240/275/88/1 & 240/276/89/1, of ward No.07 and Survey Nos.88/1 to 104/4 of Byatarayanapura Village, Bangalore North Taluk, Bengaluru belonging to M/s. L & T Construction Equipment Ltd., and Sparkle One Mall Developers Pvt Ltd., (SEIAA 160 CON 2018)

Sl. No.	PARTICULARS	INFORMATION
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1	Name & Address of the Project Proponent	1)L&T Construction Equipment Ltd.- Realty Division Bellary Road, Next to GKVK, Byatarayanapura, Bengaluru 560092. 2) Sparkle One Mall Developers Pvt.Ltd, Municipal No.239&240,Bellary road, Byatranyapura, YelahankaHobli, Bangalore North. (Next to GKVK) At Khatha No. 239/240/275/88/1 & 240/276/89/1, of Ward No. 07, and Survey Nos.88/1 to 104/4 of Byatarayanapuravillage, Yelahankahobli, Bengaluru North Taluk, Bengaluru.
2	Name & Location of the Project	Proposed Expansion of Mixed use development project comprising of Residential, Commercial Offices of L&T Construction equipment Ltd & Office, Retail & Multiplex development of Sparkle one Mall Developers Pvt.Ltd
3	Co-ordinates of the Project Site	Latitude: N 13° 04'9.48" and Longitude: E 77° 35'33.58"
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.) Jakkur Lake - 2.7 km Amruthalli lake -1.2 Km Rachenahalli Lake - 2.4 km Hebbal Lake - 3.0 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. Not Applicable
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other Residential Apartment/Office/Retail/Multiplex
	b.	Residential Township/ Area Development Projects Area Development Project
6	Plot Area (Sqm)	2,65,117.47Sqm.
7	Built Up area (Sqm)	Residential = 5,26,863.13Sqm Commercial Offices = 5,23,937.86 Sqm Sparkle One (Office, Retail & Multiplex)= 2,75,231.55Sqm

		Total BUA = 13,26,032.55Sqm
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors	Residential: 3 blocks, 2,241 units Residential Block 1R: 17 Towers ((2B+G+14/15UF) Residential Block 2R:8 Towers + Club House +EWS (2B+G+14UF) Residential Block 3R: 10 Towers(2B+G+14UF) Commercial Office (SEZ 1): S1, S2 : 2 Towers (4B+G+10UF) Commercial Office (SEZ 2): S3-S6 : 4 Towers (5B +G+9UF) Sparkle One (Office, Retail & Multiplex): 3B+G+9UF
9	Number of units in case of Construction Projects	--
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	Total project Cost : 4,200 Crores Land Cost : 2,100 Crores Construction :2,100 Crores
12	Recreational Area in case of Residential Projects / Townships	Club house -5748.11SQM
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	82,309.04 Sqm (Permissible:1,10,427.07 Sqm)
b.	Kharab Land	2,630.43 Sqm
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	36% 95,442.00 Sqm
d.	Internal Roads	36,376.82 Sqm (road on ground) 37,712.59 Sqm (road on podium)
e.	Paved area	Road on ground = 36,376.82 sqm
f.	Others Specify	Surface parking- 7325.78 sqm Civic amenities- 5951.17 sqm
g.	Parks and Open space in case of Residential Township/ Area Development Projects	11,895.56 Sqm (Residential) 14,644.26Sqm (Commercial)
h.	Total	2,65,117.47Sqm
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	No existing structure

	management Rules 2016, If Applicable.	
b.	Total quantity of Excavated earth (in cubic meter)	12 lakh Cum
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	8 lakh Cum
d.	Excess excavated earth (in cubic meter)	4 lakh Cum
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Non-recyclable such as concrete waste, etc. will be used for road construction and all the recyclable wastes such as steel, other metal scrap, etc. will be sold to recyclers/scrap dealers.

15 WATER

I.	Construction Phase		
a.	Source of water	Tanker	
b.	Quantity of water for Construction in KLD	30 KLD	
c.	Quantity of water for Domestic Purpose in KLD	10 KLD	
d.	Waste water generation in KLD	16 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Existing STP	
II.	Operational Phase		
a.	Total Requirement of Water in KLD	Fresh	2470KLD
		Recycled	1563KLD
		Total	4033KLD
b.	Source of water	Bangalore Water Supply and Sewerage Board (BWSSB)	
c.	Waste water generation in KLD	3650KLD	
d.	STP capacity	STPs - (i.e. For Residential blocks: 1x710 KLD, 2x350KLD & 1x140KLD, Commercial Offices (Commercial blocks): 1 x 500 KLD, 2x250KLD, 1x230KLD, 1x220KLD. Sparkle One (Office, Retail & Multiplex): - 1x900KLD).	
e.	Technology employed for Treatment	SBR 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	Commercial Offices & Residential Blocks -1715 KLD Sparkle one -495KLD.
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	b.	No's of Ground water recharge pits	Sparkle one-21 No's. Commercial Offices & Residential Blocks -89 No's.												
17		Storm water management plan	Rainwater harvesting & storm water management plan has been proposed												
18		WASTE MANAGEMENT													
	I.	Construction Phase													
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	Project proponent will provide labour colony, domestic solid waste generation during construction phase, which will be handed over to local body. Mobile STP is being provided at site.												
	II.	Operational Phase													
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	7,173.80 kg/day & will be treated in OWC.												
	b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	10,062.24 kg/day Waste will be disposed by authorized recyclers.												
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste oil from DG sets will be given to KSPCB, designated waste oil recyclers. 99.08 Kg per Day.												
	d.	Quantity of E waste generation and mode of Disposal as per norms	940.60 Kg per Day.												
19		POWER													
	a.	Total Power Requirement - Operational Phase	50,234 kVA power from BESCO. <table border="1"> <thead> <tr> <th>Sl. no</th> <th>Block</th> <th>Capacity kVA</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Residential blocks</td> <td>13,500</td> </tr> <tr> <td>2</td> <td>Commercial Offices 1 & 2</td> <td>20,234</td> </tr> <tr> <td>3</td> <td>Sparkle One (Office, Retail & Multiplex)</td> <td>16,500</td> </tr> </tbody> </table>	Sl. no	Block	Capacity kVA	1	Residential blocks	13,500	2	Commercial Offices 1 & 2	20,234	3	Sparkle One (Office, Retail & Multiplex)	16,500
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2	Commercial Offices 1 & 2	20,234													
3	Sparkle One (Office, Retail & Multiplex)	16,500													
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	<table border="1"> <thead> <tr> <th>Sl. no</th> <th>Block</th> <th>DG Capacity</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Residential blocks</td> <td>6 x 1500 kVA + 2 x 1250 kVA + 3 x 750 kVA</td> </tr> <tr> <td>2</td> <td>Commercial Offices blocks</td> <td>27x1500 kVA</td> </tr> <tr> <td>3</td> <td>Sparkle One(Office, Retail & Multiplex)</td> <td>11x2000kVA 2x750kVA</td> </tr> </tbody> </table>	Sl. no	Block	DG Capacity	1	Residential blocks	6 x 1500 kVA + 2 x 1250 kVA + 3 x 750 kVA	2	Commercial Offices blocks	27x1500 kVA	3	Sparkle One(Office, Retail & Multiplex)	11x2000kVA 2x750kVA
Sl. no	Block	DG Capacity													
1	Residential blocks	6 x 1500 kVA + 2 x 1250 kVA + 3 x 750 kVA													
2	Commercial Offices blocks	27x1500 kVA													
3	Sparkle One(Office, Retail & Multiplex)	11x2000kVA 2x750kVA													
	c.	Details of Fuel used for DG Set	HSD												
	d.	Energy conservation plan and	Use of non-conventional energy (Solar energy,												

	Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Wind energy). Maximum use of local resources and skill. Sustainable transportation. Use of Energy efficient devises wherever possible. Energy Saving -21.10% for sparkle one. Energy Saving - 20.84 % for Commercial Offices& ResidentialBlocks.
20	PARKING	
a.	Parking Requirement as per norms	Total Car parking provided = 12,652 Nos. Residential: 2,805Nos. Commercial Offices: 6155 Nos. Sparkle One (Office, Retail & Multiplex): 3692 Nos.
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	B& C - towards Bengaluru City. C& D - towards Yelahanka
c.	Internal Road width (RoW)	Min 8mtrs

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 213rd meeting held on 3rd December 2018 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.

Hence the committee after discussion 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) The proponent should detail about how he adds additional BUA without affecting greenery left in the earlier proposal.
- 2) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 3) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 4) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 5) Rain water harvesting/storage details may be worked out.
- 6) 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.

- 7) As the site is situated nearer to the Jakkur flying school, the NOC from the concerned authority may be obtained.
- 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) Details of renewable energy generating zones to be earmarked including terrace area may be worked out and submitted.


Accordingly ToRs were issued on 8-1-2019. The proponent has submitted the final EIA report on 7-3-2019. The same is placed before the committee for EIA appraisal.

The proponent was invited for the 219th meeting held on 27-3-2019 for EIA appraisal. The committee observed that the EC for this was earlier issued in the year 2015 from SEIAA in the name of L&T Construction Equipment Ltd for BUA of 10,87,032 sqmts spread over 2,65,117.47 sqmts. Further the proponent has stated that he has obtained another EC for expansion from MoEF & CC on August 2018 for a total BUA of 12,74,698.07 sqmts spread over area again in the name of L&T Construction Equipments Ltd., - Realty Division. Now the proponent has stated this application is made out for expansion and Modification for a total BUA of 13,26,032.55 sqmts and plot area remaining same. But this application has been made out in the name of L & T Construction Equipment Ltd - Realty Division and Sparkle One Mall Developers Pvt Ltd., and the proponent has stated that the building concept plan remains same as envisaged during the earlier EC and increase in BUA is only due to increase in non FAR area. The area in which this modification and expansion is proposed is still free from construction activities.

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

- 1) Earthwork management has to be reworked and entire earth is to be utilized within the project site.
- 2) Surface hydrological study in the surrounding area is to be carried out and carrying capacity of the nalas is to be worked out.
- 3) Water analysis including heavy metals is to be carried out.
- 4) Proponent to earmark about one crore as a part of CER/CSR to lay the walk path in the GKVK campus and other Environmental protection works.

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



219.57 Proposed expansion of Sugar Unit Project at Sy.R.S.No.367/1 of Munoli Village, Savadatti Taluk, Belagavi District By M/s. SHREE RENUKA SUGARS LTD. (SEIAA 22 IND 2017)

Sl No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Mr. Abhaykumar Khot General Manger, M/s Shree Renuka Sugars Ltd, Survey.R.S.No. 367/1, Munoli Village, Saundatti Taluk, Belagavi District.		
2	Name & Location of the Project	M/s Shree Renuka Sugars Ltd, Survey.R.S.No. 367/1, Munoli Village, Saundatti Taluk, Belagavi District.		
3	Co-ordinates of the Project Site	poi nts	Latitude	Longitude
		A	15°51'14.60" N	75°06'23.76" E
		B	15°51'17.63" N	75°06'16.61" E
		C	15°51'29.62" N	75°06'19.46" E
		D	15°51'29.66" N	75°05'51.11" E
		E	15°51'19.97" N	75°05'49.98" E
		F	15°51'01.73" N	75°06'10.12" E
		G	15°51'12.12" N	75°06'14.66" E
4	Environmental Sensitivity			
	a. Distance From nearest Lake/ River/ Nala	Renukasagar reservoirs nearest water spread location to industry is 3.7 Kms towards South-west. Malapraha river downstream of the reservoir is- 1.4 Kms from the nearest factory building.		
	b. Distance from Protected area notified under wildlife protection act	-		
	c. Distance from the interstate boundary	-		
	d. whether located in critically / severally polluted area as per the CPCB norms	-		
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	5 (j) "Sugar Industry" in Category 'B'		
6	New/ Expansion/ Modification/ Product mix change	Expansion of sugar cane crushing unit from 7,500 TCD to 10,000 TCD with existing unit.		
7	Plot Area (Sqm)	4,21,601.502 sqm (104.18 Acres)		
8	Built Up area (Sqm)	2,22,091.48 sqm (54.88 Acres)		
9	Component of developments	-		
10	Project cost (Rs. In crores)	18.78 crores		
11	Details of Land Use (Sqm)			

	a.	Ground Coverage Area	2,22,091.48 sqm (54.88 sqm)		
	b.	Kharab Land	-		
	c.	Internal Roads	-		
	d.	Paved area	-		
	e.	Parking	-		
	f.	Green belt	1,43,420.59 sqm (35.44 sqm)		
	g.	Others Specify	56,089.43 sqm (13.86 sqm (Vacant land))		
	h.	Total	4,21,601.502 sqm (104.18 Acres)		
12	Products and By- Products with quantity (enclose as Annexure if necessary)		Proposed capacity: 1. Sugar- 1200MT/D (sugar cane crushing unit from 7,500 TCD to 10,000 TCD) 2. Co-gene - 35.5 MWH (No change) 3. Distillery- 120KLD (No change)		
13	Raw material with quantity and their source (enclose as Annexure if necessary)		No	Raw Materials	Quantity MTPA
			1	Cane Crushing	10000 TCD
			2	Lime	10 MT/day
			3	O.P. Acid	850 kg/day
			4	Caustic Soda	390 kg/day
			5	Sulphonic acid	6 kg /day
			6	Anti Scalant	100 kg/day
			7	Magnofloc 7991	90 kg/day
			8	MagnoflocLT-27	25 kg/day
14	Mode of transportation of Raw material and storage facility		Bullock cart, tractor & trucks to factory		
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		-		
16	Fly ash production, storage and disposal details whereas coal is used as fuel		Boiler fly ash - Ash collected from ash silo is mixed press mud and used for making compost.		
17	Complete process flow diagram and technology employed		Details are given in report		
18	Details of Plant and Machinery with capacity/ Technology used		Details are given in report		
19	Details of VOC emission and control measures wherever applicable		-		
20	WATER				
	I.	Construction Phase			
	a.	Source of water	The proposed expansion project is within the existing operating facility. All the infrastructure facilities are well developed. Hence there in no construction activities at the site.		
	b.	Quantity of water for Construction in KLD			
	c.	Quantity of water for Domestic Purpose in KLD			

	d.	Waste water generation in KLD		
	e.	Treatment facility proposed and scheme of disposal of treated water		
	II	Operational Phase		
	a.	Source of water	Malaprabha River	
	b.	Total Requirement of Water in KLD	Fresh	1700
			Recycled	-
			Total	1700
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	1650
			Recycled	-
			Total	1650
	d.	Requirement of water for domestic purpose in KLD	Fresh	50
			Recycled	-
			Total	50
	e.	Waste water generation in KLD	Industrial effluent	770
			Domestic sewage	45
			Total	815
	f.	ETP/ STP capacity	Existing ETP of 800 KLD capacity	
	g.	Technology employed for Treatment	Activated Sludge Process	
	h.	Scheme of disposal of excess treated water if any	Reused	
21		Infrastructure for Rain water harvesting	Rain water harvesting implemented	
22		Storm water management plan	-	
23		Air Pollution	100 TPH & 50 TPH boiler with common chimney of 65 m AGL and 44 TPH & 26 TPH boiler with common chimney of 58 AGL are provided with ESP's as per APC equipment's. 1 x 1165 KVA & 1 x 1010 KVA capacity DG sets with acoustics are provided with 30m AGL stack height.	
	a.	Sources of Air pollution	Boiler and DG set	
	b.	Composition of Emissions	SPM, PM and No2	
	c.	Air pollution control measures proposed and technology employed	ESP, Wet scrubber and Acoustic enclosures (Details are given in report)	
24		Noise Pollution		
	a.	Sources of Noise pollution	DG set and process	
	b.	Expected levels of Noise pollution in dB	Within limits	
	c.	Noise pollution control measures proposed	Acoustics	
25		WASTE MANAGEMENT		
	I.	Operational Phase		

	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable	Appended in report
			Non-Biodegradable	
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Used Oil - 0.4 KLPA	
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	NA	
26	Risk Assessment and disaster management		-	
27	POWER			
	a.	Total Power Requirement in the Operational Phase with source	Appended in report	
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 x 1165 KVA & 1 x 1010 KVA capacity DG sets	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	DG set and Boiler	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	-	
28	PARKING			
	a.	Parking Requirement as per norms	-	
	b.	Internal Road width (RoW)	-	
29	Any other information specific to the project (Specify)		-	

The proponent and Environmental consultant attended the 190th meeting held on 29th December 2017 to provide required clarification/additional information.

The committee noted that the unit was established in the year 1999 with 2500 TCD crushing capacity. The first expansion took place in the year 2008 enhancing the production from 2500 TCD to 7500 TCD. The distillery was established in the same premises in the year 2002 with a capacity of 60 KLD and the same has been expanded to 120 KLD in the year June 2006. By the time the first expansion from 2500 TCD to 7500 TCD, the distillery unit was existing obtaining all due clearances from the MoEF and other authorities. The crushing capacity expansion was permitted in the year 2008 treating this a Category B project. Now the proposal is for expansion of crushing capacity from 7500 TCD to 10,000 TCD. Hence the committee has decided to appraise the proposal as B1 Category project, though there is an existence of 120 KLD Distillery unit in the same premises.

The committee perused the replies submitted by the proponent. The committee appraised the proposal considering the statutory application Form-I, Prefeasibility report, and additional information provided during the meeting.

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

- 1) To submit the details of methodology adopted to convert pressmud into value added composts.
- 2) To submit the mitigation measures to control odour from the effluent.
- 3) To furnish the required design changes for equalization tanks to accommodate for peak loading.
- 4) To submit the proposal for strengthening the existing green belt with broad leaved native species.
- 5) To furnish the measures to address the concerns raised during public hearing and assurance given along with the financial provisions and action plan to implement the commitment.
- 6) To submit the proposal for alternative sanitary measures to the septic tanks.

Accordingly ToRs were issued on 26-3-2018. The authority has received the draft EIA report along with the Public hearing report. The same was placed before the committee. The proponent was invited for the meeting. The proponent remained absent. However, the Committee noticed that the final EIA report was not submitted by the proponent. Hence the committee after discussion and deliberation decided to defer the proposal.

The proponent was invited for the 219th meeting held on 27-3-2019. The proponent and environment consultant attended the meeting for EIA Appraisal. The committee after discussion decided to recommend the proposal to SEIAA for issue of Environment clearance.

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

ToR Proposals:

219.58 Proposed Construction of Commercial Building DNR Arcadia at Sy.No.59/1, 60/2, 3,4,6,7,8,9,10,11,12,13,94/6 & 7 of Nagavara Village, Kasaba Hobli, Bangalore North Taluk by M/s. DNR Corporation Pvt. Ltd(SEIAA 23 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	D N R Corporation Pvt Ltd #304,AWing, 3 rd floor, Queens Corner, No.3 Queens Road, Bangalore 560 001.
2	Name & Location of the Project	D N R ARCADIA. Sy No. 59/1,60/2 to60/4,60/6 to 60/13,60/16,94/6 and 94/7,Nagvara village, Kasaba Hobli, Bangalore North Taluk, Bangalore dist.

3	Co-ordinates of the Project Site	Latitude: 13°02' 48.05" & Longitude: 77°36' 46.83" @ centre of plot
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,) Nagavara lake which is about 200 mts from the building line, Hebbal lake which is about 750mts from building line There is Primary nala running towards the North to east portion of the site and the distance is more than 75mts
	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 above
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other IT/ITES with food court
	b.	Residential Township/ Area Development Projects NA
6	Plot Area (Sq.M)	50892.84sqmts
7	Built Up area (Sq.M)	257422.06
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	3B + Ground+16 UPPER FLOORS
9	Number of units in case of Construction Projects	N A
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	250
12	Recreational Area in case of Residential Projects / Townships	N A
13	Details of Land Use (Sq.M)	

a.	Ground Coverage Area	12357.62
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	20591
d.	Internal Roads	4174.72
e.	Paved area	11224.86
f.	Others Specify	2544.64 for surface parking
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	50892.84 Sqmts
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	NA
b.	Total quantity of Excavated earth (in cubic meter)	229900
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	185550.7 will be used in the site And 44349.3 will be stored in the site for further use.
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	Excavated earth will be used in the site as under Back filling 18989.74 Back filling in site to Correct the level difference 53060.92 Ramps and driveway 29335.24 Landscaping 19084.8 Garden in podium 25590 Mounds & slopes 36690.00 Soil Cement blocks 2800 Soil stacked in site for further use 44349.3
15	WATER	
I.	Construction Phase	
a.	Source of water	MO U will be Submitted along with EIA report
b.	Quantity of water for Construction in KLD	About 50kl
c.	Quantity of water for Domestic	27.5

	Purpose in KLD	
d.	Waste water generation in KLD	3.5 kl
e.	Treatment facility proposed and scheme of disposal of treated water	2 no.s of Septic tanks of 5kl each alt cleaned by mechanical means or mobile toilets with STP
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 577
		Recycled 452
		Total 1029
b.	Source of water	BWSSB, N O C letter enclosed
c.	Waste water generation in KLD	927
d.	STP capacity	930
e.	Technology employed for Treatment	SBR with extended aeration
f.	Scheme of disposal of excess treated water if any	Zero discharge plan
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	2 No.s of UG Sumps of 265 cum with impervious walls will be constructed to store the pre filtered rain water runoff from the terrace
	No's of Ground water recharge pits	15No.s Recharge deep tube wells at the bottom of the peripheral drains will be constructed to recharge the ground water
17	Storm water management plan	Peripheral drains all round the boundary with oil and grease traps , silt traps and catch basins before getting into the external storm drains
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	1.Steel bits - about 12.5 tons sold to recyclers 2.Concrete spill and debris used as road fill consolidation 3.Plywood shuttering and centring material about 6250 Kgs will be given away to Brick kilns 4. Waste mineral oils, lubricants about 250 Lts will be given to KSPCB approved Recyclers 5. Exhausted paint containers, gunny sacks, electrical items, plumbing items and allied defunct spares of construction machinery about 10 tons will be given away to KSPCB approved recyclers
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1.11MTs processed in the organic waste converters to generate manure

b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	4.44 MTs disposed to the Municipal approved garbage clearing contractors
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	About 1500 Lts, Disposed to KSCP B approved recyclers
d.	Quantity of E waste generation and mode of Disposal as per norms	332.64 Kgs will be stored and disposed to authorized recyclers from KSPCB
19	POWER	
a.	Total Power Requirement - Operational Phase	7388KVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	10No. X 2000KVA,
c.	Details of Fuel used for DG Set	Low sulphur HSD
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	26.7%
20	PARKING	
a.	Parking Requirement as per norms	3614
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	"Traffic studies will be provided along with the E T A studies report and compliance to TORs issued.
c.	Internal Road width (RoW)	8.0mts

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

The proponent was invited for the 219th meeting held on 27-3-2019 to provide required clarification.

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

The Committee after discussion decided to appraise the proposal as B1 and 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. Explore and ennumurate feasibility of BIPV for glass panels in the façade.
- 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 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.
- 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 modeling.
- 14) Minimum 20% Green building materials used, to be detailed and indicated in the floor plan/elevation drawings. Total embodied energy in the building materials used for construction to be calculated and steps taken to reduce the same may be detailed out.
- 15) 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.

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

219.59 Proposed Expansion of Mixed Development project "Manyata Tech Park & Township" Project at Sy.Nos.17P, 17P, 18/1, 18/2, 18/3, 18/4, 18/5, 18/6, 18/7, 18/8, 18/9, 19/1, 19/2, 19/3, 19/4, 19/5, 20/1, 20/2, 20/3, 20/4, 21, 22/1, 22/2, 23/1, 23/2, 24, 25/1P, 26P, 27/1, 27/2, 27/3, 27/4, 27/5, 27/6, 27/7, 27/8, 27/9, 28/1P, 28/2A, 28/2B, 28/3P, 28/5, 28/6, 29/2, 29/3P, 35/3B, 35/3C, 36/1P, 36/2P, 36/3, 36/4P, 36/5, 36/6P, 36/7 of Rachenahalli Village, K.R.Puram Hobli, Bengaluru East Taluk and Sy.Nos.7/1, 81/8P, 82/1, 82/1P, 83/1, 83/2, 83/3A, 83/3A, 83/3B, 83/4, 84/P, 85/1, 85/2, 85/3, 85/4, 85/5, 85/6, 85/7P, 85/9, 98, 99/1P, 99/2, 99/3,

100/1, 11/2, 103/1, 103/2, 103/5, 103/6, 104/1, 104/2, 104/3, 104/4, 105/1, 105/2, 105/3, 105/4, 106P, 106/P, 107, 108, 109, 110/1, 110/2, 110/3, 111/1, 111/2, 111/3, 111/4, 111/5, 111/6, 112/1, 112/2, 112/3, 113/1, 113/2, 113/3, 114/1, 114/2, 114/2P, 114/3, 114/4, 114/5, 115/1, 115/2, 115/3, 116/1, 116/2A, 116/2B, 116/3, 116/4, 116/5, 116/6, 117/1, 121/1, 121/2, 122, 123/1A, 123/1AP, 123/1B, 123/2, 124/1, 124/2A, 124/2B, 124/3A, 124/3B of Nagawara Village, Kasaba Hobli, Bengaluru South Taluk and Sy.Nos.57/1, 57/2, 58/1P, 59/1P, 58/1P, 59/1P of Thanisandra Village, K.R.Puram Hobli, Bengaluru East Taluk and Block-N1 Parcel - Sy.Nos.30/3, 31/5, 32/1, 32/2 & Block-M3 Parcel - Sy.Nos.35/2, 35/3A, 37/1, 39/1, 39/2B, 40/3, 40/6 & Block-N2 Parcel - Sy.Nos.8/4, 8/5, 31/1, 31/2, 31/3, 31/4, 31/5, 44/2, 44/3, 45/1, 45/2, 46/1, 46/2, 46/3, 47/2B of Rachenahalli Village, K.R.Puram Hobli, Bengaluru East Taluk, Bangalore Urban District by M/s. **Manyata Promoters Pvt Ltd., (SEIAA 29 CON 2019)**

Manyata Promoters Private Limited (MPPL) had obtained Environmental Clearance for implementing Commercial, Residential, IT Park, Group Housing and Hotel (300 Rooms) on a plot area of **359.11 Acres** with a total buildup area of **35,01,009.60 Sq.m.** as per details below vide SEIAA letter No. 30:CON:2009, dated 10th June 2010.

The breakup of the Land Use of the Project is given below:

Sector	Project Land Use	Area (Acres)	Built-up area (Sq.m)
Sector A	Commercial/IT/Hotel	175.88	23,01,009.60
Sector B	Residential Plots	83.77	12,00,000
Sector C	Group Housing - Future Expansion	25.18	Nil (Vacant for future expansion)
Sector D	Residential Plots - Future Expansion	74.28	Nil (Vacant for future expansion)
	Total	359.11	35,01,009.60

AS EPR THE EC, 359.11 acres of land is approved for the Project. Out of this, KIADB allotted land to an extent of 126 acres 13.5 guntas for the project and about 19.60 acres is acquired privately, totaling to 145.937 acres for development of Commercial/IT/Hotel/Retail etc (Sector A). Land parcel to an extent of 83.77 acres is acquired by MPPL privately for plotted development as per the approval of BDA (Sector B). An extent of 129.40 acres of Private lands (Sector C, Sector D and part of Sector A) could not be acquired by MPPL till date.

The built-up area of the Mixed use development as approved in the Environmental Clearance and as constructed is given below:

S. NO	SECTOR	PLOT AREA	BUILT-UP AREA (APPROVED)	BUILTUP AREA (CONSTRUCTED)	REMARK
1	SECTOR A	175.88	23,01,009.60	16,30,659.17	Plans & OC obtained form KIADB, CFE/CFO from

					KSPCB
2	SECTOR B	83.77	12,00,000	5,00,000	Plan approved by BDA
3	SECTOR C	25.18	NIL	NIL	No Planning/ development has been done post EC till date
4	SECTOR D	74.28	NIL	NIL	

SI NO.	BLOCK	Built up Area (Sq.M)	Details of Structure
1	Block-B	29,555.00	B+G+3
2	Block-C1	44,190.92	B+G+4
3	Block-C2	52,156.14	B+G+8
4	Block-C3 - MLCP	31,982.72	B+G+12
5	Block-C4	44,383.28	B+S+6
6	Block-D1& D2	53,717.00	B+G +2
7	Block-D3	39,643.00	B+G+10
8	Block-D4	49,528.00	B+G+10
9	Block D4B - MLCP	39,378.74	B+G+11
10	Block-E1	20,277.00	B+G+4
11	Block-E2	46,180.00	G+7
12	Block-E2 - MLCP	19,191.00	G+7
13	Block-F2	86,062.00	B+G+10
14	Block-F3	98,894.00	2B+G+10
15	Block-G1	56,030.00	2B+G+8
16	Block-G2	50,703.00	2B+G+8
17	Block-G3	71,994.00	2B+G+10
18	Block-G4	55,288.00	2B+G+10
19	Block-G6 - MLCP	32,668.00	2B+G+12
20	Block-H1	45,620.00	B+G+6
21	Block-H2	84,580.00	2B+G+10
22	Block-A1	54,256.00	B+G+5
23	Block-A2	119,815.00	3B+G+11
24	Block-K	23,500.00	B+G+3
25	Block-L1	59,705.00	2B+G+10
26	Block-L2	65,875.00	2B+G+10

27	Block-L3	69,550.00	2B+G+10
28	Block-L2&L3 - MLCP	8,067.00	G+3
29	Block-L5a	39,160.00	B+G+10
30	Block-L5b	39,430.00	B+G+10
31	Block-L7 - MLCP	41,420.00	G+8
32	Block N1	57,859.37	2B+G+12
	Total	1630659.17	

Total BUA Constructed in Sector A - **16,30,659.17 Sq.M**

Total BUA Constructed in Sector B - **5,00,000.00 Sq.M (Residential - Plots and Group Housing)**

PROPOSED MODIFICATION AND EXPANSION :

The following facilities were proposed in the proposed Modification and Expansion Project.

- 1) Two Office Block's (3B+G+10UF)
- 2) Banquet Hall (3B+G+4UF)
- 3) 5 Star Hotel (3B+G+12 UF) and
- 4) 3 Star Hotel (3B+G+12 UF)

There have been certain Design Changes in the layout such as 3 Star Hotel is changed to 4 Star Hotel, etc., these Design Changes have resulted in the increase in the Built-up area of the Project from **1,89,381 Sq.m** (approved in TOR) to **1,97,647 Sq.m**.

Additionally, as per the Managements current and future plans, MPPL now proposes to take up construction of additional Blocks in the Project with a total builtup area of **7,01,592 Sq.m**, which were not taken up earlier though EC was granted for the same.

The proposed construction/revision in the facilities is limited to **Sector A** in a Plot area of **145.94 Acres**. The details of the proposed modification and Expansion Project for a total Built up area of **8,99,239 Sq.m** in **Sector A** of the Project is as per the following details :

S.No.	Facility Description	Builtup area (Sq.m)
1	Modification in Block -P	1,97,647

	1) Two Office Buildings's (3B+G+10UF) 2) Convention Center, Retail & Commercial Space (3B+G+4UF) 3) 5 Star Hotel -266 Keys (3B+G+12UF) and 4) 4 Star Hotel -353 Keys (3B+G+12UF)	
2	Construction in Block - N 2 Two Office Buildings	3,22,422
3	Construction in Block - M 3 Two Office Buildings	1,90,964
4	Construction in Block - F 1 One Office Building	99,263
5	Construction in Block - L 4 One Office Building	88,943
	Total Area (Sq.m)	8,99,239


Ground Coverage Statement of the Proposed construction in Sector A.

Description	Area Details		Percentage
	Acres	Sq.m	
Land area	34.26	138636.9	100%
Ground coverage	9.94	40223.59	29.01%
Landscape	8.70	35210.5	25.40%
Roads & Pavements	9.29	37611.47	27.13%
Hardscape	6.32	25591.33	18.46%

The summary of the revision in the built-up area in **Sector A** of the Project is as below:

Description	Built up area as approved in EC. (Sq.m)	Built up area as constructed (Sq.m) (As per Certified Compliance)	Proposed Amendment to TOR (Sq.m)	Proposed total built up area in view of revision in facilities (Sq.m)
Commercial & IT park	23,01,009.60	16,30,659.17	8,99,239.00	25,29,898.17

The development of the Residential Plots in **Sector B** is completed and built-up area of about 5,00,000 Sq.m is completed till date.



The proposals for development of Group Housing in Sector C and Residential Plots in Sector D is not envisaged now in view of the land acquisition issues and accordingly dropped.

The Existing Project of "Manyata Tech Park & Township" was inspected by the Deputy Director, MoEF&CC, Bangalore on 24.09.2018 and the Certified Compliance is issued for the Project vide letter dated 24.10.2018 and 13.12.2018.

The total built-up area is increasing from 23,01,009.60 Sq.m to 25,29,898.17 Sq.m in Sector A (Commercial & IT Park) within the complex.

MPPL have uploaded their Application in the PARIVESH Portal for issue of Amendment to TOR for the Modification and Expansion Project vide letter dated 29.11.2018 (Proposal No. IA/KA/NCP/63684/2017 dated 03.12.2019). MoEF&CC has informed vide EDS dated 23.01.2019 to submit the application to SEIAA/SEAC Karnataka since it is a category B Project and withdraw the Application from the MoEFCC Portal.

MPPL has uploaded Amendment to TOR Application in the Karnataka State portal of PARIVESH on 11.02.2019

Salient Features of the Project

The Salient Features of the proposed expansion Project limited to Sector A is as below:

A. WATER REQUIREMENT

Total water requirement = 4000 KLD
STP Design (Total capacity) = 3500 KLD (Will be provided in Modules for each Block)

B. POWER REQUIREMENT

From Grid = 72 MVA.

DG sets = About 45 DG Sets of about 72,000 KVA (DG sets capacities ranging from 750 KVA to 2000 KVA).

C. PARKING DETAILS

No of car parkings required : 9946
Car parkings provided : 9955

D. ESTIMATED COST OF PROJECT : 2,114 Crores

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

The proponent was invited for the 219th meeting held on 27-3-2019 to provide required clarification.

The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, Conceptual plan and clarification/additional information provided during the meeting. The Sy. No. mentioned in the Agenda list was found mismatching with the Sy.Nos submitted in the file and hence the same was incorporated in the ToR Appraisal as detailed above. An EC was issued earlier during the year 2010 for a BUA of 35,01,009.60 sqmts spread over an area of 359.11 Acres. Out of 359.11 Acres 126 Acres 13.5 guntas were allotted by KIADB and concept plan was also approved by KIADB and the balance land was acquired by proponent privately. Out of the land acquired privately 83.77 Acres of land(Sector B) has been utilized to form residential layout and the same have been allotted to different individuals and the layout plan was approved by BDA and balance area of 148 Acres 35.5 guntas were under the parallel process of acquisition. Now the proponent has stated that he could able to acquire only 19 Acres 24 guntas out of 148 Acres 35.5 guntas of acquisition envisaged earlier. The proponent has also stated that he has reserved these land area of 148 Acres 35.5 guntas for future development when earlier EC was issued. Out of 35,01,009.60sqmts of BUA earlier envisaged includes 12,00,000sqmts BUA in the BDA approved layout for which necessary conditions were inbuilt in the allotment letter itself. Now this proposal is for a total area of 229.87 Acres leaving out the areas that could not be acquired and BUA which was envisaged then was 23,01,009.6 sqmts and it is getting increased to 25,29,898.17 sqmts. The proponent has also stated that he made out an application to MoEF& CC during the year 2017 and ToRs were issued during August 2017 and consequent to this baseline data and other studies have been conducted during November 2017 onwards and requested to permit to adopt the same for EIA report and he has also stated that he is regularly monitoring the environmental parameters for submission of monthly compliance to KSPCB and he has agreed to do comparative analysis of the data collected during November 2017 and the present data.

The Committee after discussion decided to appraise the proposal as B1 and 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) 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 modeling studies to be conducted and quantify the energy savings. Indicate the energy utilization intensity $=(\text{total KHW/year})/\text{BUA}$, bench mark this value for similar commercial buildings.
- 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 footprint.
- 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 modeling.
- 14) 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.
- 15) As the site is situated nearer to AAI and Jakkur flying school, the NOC from the concerned authority may be obtained.

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

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

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

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

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

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

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

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

The Proponent and Environment Consultant attended the 219th meeting held on 27-3-2019 to present the ToRs. The committee screened the proposal considering the

information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting.

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

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

16. Highlight the green chemistry adopted with particular mention of your efforts to replace toxic solvents and reagents such as EDC, MDC, chloroform, butyl lithium, lithium aluminium hydride, sodium borohydride, thionyl chloride, THF etc wherever done and if bromination is done using bromine, better alternatives to bromine as brominating agent.
17. Give the justification for categorizing the proposal under 'B' category in view of closeness to Bannerghatta National Park with necessary certificate from the competent authority regarding the exact distance from the project site.

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

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

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Ajay Bhardwaj , Chairman & Managing Director M/s. Anthem Biosciences Private Limited #49, F1 & F2, Bommasandra Industrial Area, Phase-1, Bengaluru-560 099
2	Name & Location of the Project	Expansion of Manufacturing Drugs and Drug Intermediates, dietary supplements, Fermentation based Products and Custom Synthesis of Organic Compounds both from R & D and Pilot Plant #49, F1 & F2, Bommasandra Industrial Area, Phase-1, Bengaluru-560 099
3	Co-ordinates of the Project Site	12°48'59.68"N ; 77°41'0.99"E 12°48'58.45"N ; 77°40'59.69"E 12°48'54.04"N ; 77°41'3.45"E 12°48'55.28"N ; 77°41'5.14"E
4	Environmental Sensitivity	
	a. Distance From nearest Lake/ River/ Nala	<ul style="list-style-type: none"> • Kammasandra Lake-1.2Kms, N, • Hebbagodi Lake - 1.5 Kms, N, • Chandapura Lake -2.4 Kms, SE, • Veerasandra Lake - 2.9 Kms, N • Muthanalur Lake -3.6Kms, E • Hennagara Lake - 3.65 Kms, S

		<ul style="list-style-type: none"> • Chikkatoguru Lake - 5.3Kms, NW • Jigani Kere - 5.76 Kms, SW 	
	b.	Distance from Protected area notified under wildlife protection act	Bannerghatta National Park 10.6 Kms South West
	c.	Distance from the interstate boundary	Nil
	d.	whether located in critically / severally polluted area as per the CPCB norms	No
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number		5(f)
6	New/ Expansion/ Modification/		Expansion of Manufacturing Drugs and Drug Intermediates, dietary supplements, Fermentation based Products and Custom Synthesis of Organic Compounds both from R & D and Pilot Plant
7	Plot Area (Sqm)		20,222 Sq.m
8	Built Up area (Sqm)		8,659.36 Sq.m
9	Component of developments		Installation of Utilities (Mini Chiller, 400 kg/hr, 600 kg/hr and 2 Nos. of 850 kg/hr Boiler, Cooling tower-2 Nos of 200 TR each), STP (40 KLD), ETP RO Plant (30 KLD), Scrubbers (2 Nos.) and 2 to 25 Ltr of Fermenters
10	Project cost (Rs. In crores)		5 Crores.
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	
	b.	Kharab Land	No Kharab land
	c.	Internal Roads	-
	d.	Paved area	
	e.	Parking	-
	f.	Green belt	6,672.68 Sq.m
	g.	Others Specify	Open space-4889.96 Sq.m
	h.	Total	20,222 Sq.m
12	Products and By- Products with quantity (enclose as Annexure if necessary)		Products with quantity enclosed as annexure-1

13	Raw material with quantity and their source (enclose as Annexure if necessary)	List of raw materials enclosed as annexure-2
14	Mode of transportation of Raw material and storage facility	Mode of transportation of raw material and end products: Trucks Raw materials are stored in warehouse and underground tanks.
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	-NA-
16	Fly ash production, storage and disposal details whereas coal is used as fuel	-NA-
17	Complete process flow diagram and technology employed	Complete process flow diagram enclosed as annexure-2
18	Details of Plant and Machinery with capacity/ Technology used	Details of plant machinery layout plan are enclosed as annexure-5
19	Details of VOC emission and control measures wherever applicable	<u>Emissions</u> <ul style="list-style-type: none"> Emissions from Boiler (Proposed) & Thermic fluid heater (Existing) & DG sets (Existing) <u>Control Measures</u> <ul style="list-style-type: none"> For Boiler & Thermic fluid heater - Stack of adequate height Fume cupboard - Scrubber DG Set - Acoustic Enclosure.
20	WATER	
	I. Construction Phase	
	a. Source of water	No additional construction. Existing building is adequate to carry out proposed activity
	b. Quantity of water for Construction in KLD	--
	c. Quantity of water for Domestic Purpose in KLD	--
	d. Waste water generation in KLD	--
	e. Treatment facility proposed and scheme of disposal of treated water	-
	II Operational Phase	

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

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

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

	b.	Internal Road width (RoW)	6 meter
29		Any other information specific to the project (Specify)	--

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

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

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

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

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

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

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

Sl No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Divyasree Infrastructure Projects Pvt. Ltd., Divyasree Chambers, 'A' Wing #11, O 'shaugnessy Road, Bangalore 560 025.
2	Name & Location of the Project	"DivyasreeTechnopolis" at Survey No.s 36/2(P) of Yamaluru&Sy No. 123, 124, 125, 126/4A, 130/1, 130/2A, 131/1A, 131/1B, 131/2A, 131/2B, 131/3, 131/4, 131/5A, 131/5B, 131/6, 131/7, 131/8, 132/1, 132/2, 133/1, 133/2, 133/3, 133/4, 134/1, 134/2,

		134/3, 135/1, 135/2, 136/1, 136/2, 136/3, 137/3A, 137/3B, 137/4, 149/1, 149/2, 149/3A, 149/3B, 149/3C, 150/1, 150/2, 150/3, 150/4, 150/5A, 150/5B, 151/1, 151/2, 151/3, 151/4, 151/5, 151/6, 151/7, 152, 153/1, 153/2, 153/3, 153/4, 154, 155/1, 155/2A, 155/2B, 156, 157/2, 157/3A, 157/3B, 159/1B, 159/2, 160 of AmmaniBellandurKhane Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District.
3	Co- ordinates of the Project Site	Latitude : 12 ^o 56' 54.75" N Longitude : 77 ^o 41' 24.51" E
4	Environmental Sensitivity	
	a	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.) Water Bodies: Bellandur lake (South West at 1.2 Km) and Varthur lake (South East at 2.5 Km) are the nearest water bodies to the project site.
	b	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable. No water body is located within or adjoining the project.
5	Type of Development	
	a	New / Expansion / Modification Expansion and Modification
	b	Residential Apartment / Villas/ Row Houses / Vertical Development / Office /IT/ITES/ Mall/ Hotel/ Hospital/ other Mixed Use Development
	c	Residential Township/ Area Development Projects Not Applicable.
6	Plot Area (Sqm)	2,38,155sq m (58.85 Acres)
7	Built Up area (Sqm)	6,88,867.66 sq m
8	Building Configuration [Number of Blocks/ Towers/ Wings etc., with Numbers of Basements and Upper Floors]	Number of blocks: 8 Commercial / IT Park Blocks, 4 Residential Towers, Villa Blocks (A to H) and 2 Club House.
9	Number of units in case of	Mixed Use Development Project

	Construction Projects	(Commercial / IT Park, Residential Apartment (578 Flats) and Villas (89 units))	
10	Number of Plots in case of Residential Township/ Area Development Projects	NA	
11	Project Cost (Rs. In crores) towards expansion cost	Rs.146,00,00,000/- (Rupees One Hundred and Forty Six Crores only)	
12	Recreational Area in case of Residential Projects / Townships	NA	
13	Details of Land Use (Sqm)		
	a	Ground Coverage Area	82,474.24 sq m (34.63%)
	b	Kharab Land	-
	c	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	84,687.36 sq m (35.89%)
	d	Internal Roads	68,856.54 sq m (29.48%)
	e	Paved area	
	f	Others Specify	
	g	Parks and Open space in case of Residential Township/ Area Development Projects	-
	h	Total	
14	Details of demolition debris and / or Excavated earth		
	a	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	Construction debris (200 cum) will be used for road, pavement formation activities within the project site.
	b	Total quantity of Excavated earth (in cubic meter)	The EMP was planned and implemented during the course of construction activity in the project. Presently excavated soil will be reused within the project.
	c	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	
	d	Excess excavated earth (in cubic meter)	
	e	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA

15	WATER		
	I Construction Phase		
	a	Source of water	BWSSB
	b	Quantity of water for Construction in KLD	NA
	c	Quantity of water for Domestic Purpose of KLD	25 KLD
	d	Waste water generation in KLD	23 KLD
	e	Treatment facility proposed and scheme of disposal of treated water	Sewage generated from construction site will be conveyed to STP located in the blocks which are in operation and the capacity of STP is adequate to handle the sewage
	II. Operational Phase		
	a	Total Requirement of Water in KLD	Fresh 1330 KLD
			Recycled 671KLD
			Total 200 KLD
	b	Source of water	BWSSB
	c	Waste water generation in KLD	2001 KLD
	d	STP capacity	1801 KLD
	e	Technology employed for Treatment	-
	f	Scheme of disposal of excess treated water if any	The treated sewage will be re-used for gardening and flushing of toilet etc.
16	Infrastructure for Rain water harvesting		
	a	Capacity of sump tank to store Roof run off	400 cum/day capacity roof top rain water storage tank is proposed
	b	No's of Ground water recharge pits	About 47 pits
17	Storm water management plan		Appended in the report
18	WASTE MANAGEMENT		
	I Construction Phase		
	a	Quantity of Solid waste generation and mode of Disposal as per norms	62.5 Kg/day Presently, Commercial buildings are under Operation and the Organic Waste generated from these blocks is treated in existing organic converter. The domestic organic waste from the construction site will also be treated in the same organic convertor.

II	Operational Phase	
a	Quantity of Biodegradable waste generation and mode of Disposal as per norms	750 Kg/day -Organic solid waste will be treated in an organic converter and product will be used as manure for Landscape development.
b	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	499 Kg/day will be handed over to recyclers.
c	Quantity of Hazardous Waste generation and mod of Disposal as per norms	5000 Litres/annum will be disposed to KSPCB approved and CPCB register waste oil re-processors.
d	Quantity of E waste generation and mode of Disposal as per norms	NA
19	POWER	
a	Total Power Requirement - Operational phase	30,000 kVA is being augmented from BESCO
b	Number of DG set and capacity in KVA for Standby Power Supply	6 X 1500 KVA capacity DG sets
c	Details of Fuel used for DG Set	Ultra-Pure Low Sulphur Content Diesel
d	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Details appended
20	PARKING	
a	Parking Requirement as per norms	629 cars
b	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	-
c	Internal Road width (RoW)	Maximum driveway of 19 m provided all-round the buildings
21	Any other information specific to the Project (Specify)	-

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

The proponent was invited for the 219th meeting held on 25-3-2019 to provide required clarification. The proponent remained absent without intimation.

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

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

EIA Proposals:

219.63 Proposed Development of Industrial Estate project at Sy.No.28,29,30,31,32 of Banapura village and Sy.No.130, 131, 132, 133, 134, 135, 136, 138, 139, 140, 141, 142, 143, 199, 202, 203, 205, 206, 207, 208, 209 and 211 of Talabal village, Kukanur Taluk, Koppal District Karnataka by M/s. Aequs SEZ Pvt Ltd (SEIAA 142 CON 2018)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Vikram Annappa Director Aequs SEZ Private Limited No. 55, Aequs Towers ITPB- Whitefield main Road Mahadevpura Post, Bangalore - 560048
2	Name & Location of the Project	Aequs SEZ Private Limited Sy.No.206,207,205,203,130,131,132,133,134,135,136, 138,141,142,143,140,199,202,211,139,28, 29,30,31 and 32, Talabal and Banapura Village, Kukanur Taluk, Koppal District.
3	Co-ordinates of the Project Site	LATITUDE: N 15023'42.3" LONGITUDE: E 76001'56.6"
4	Environmental Sensitivity	
	a.	Distance from nearest Lake /River/Nala
	b.	Distance from Protected area notified under wildlife protection act
	c.	Distance from the interstate boundary
	d.	Whether located in critically/severally polluted area as per the CPCB norms
5	Type of Development as per schedule of EIA Notification,2006 with relevant serial number	8(b)

6	New/Expansion/Modification/Product mix change	New	
7	Plot area (Sqm)	464376.77	
8	Built Up area (Sqm)	185806.08	
9	Component of developments	It's a development of Industrial Estate	
10	Project Cost (Rs. In Crores)	Rs.468.00	
11	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	464376.77
	b.	Kharab Land	-
	c.	Internal Roads	61916.9
	d.	Paved area	-
	e.	Parking	92875.35
	f.	Green belt	340542.9
	g.	Others Specify	72236.47(Common Amenities)
	h.	Total	1031948.39
12	Products and By-Products with quantity (enclose as Annexure if necessary)	NA	
13	Raw Material with quantity and their source (enclose as Annexure if necessary)	NA	
14	Mode of transportation of Raw material and storage facility	NA	
15	Transportation and storage facility for coal/Bio-fuel in case of thermal power plant	NA	
16	Fly ash production, storage and disposal details whereas coal is used as fuel	NA	
17	Complete process flow diagram and technology employed	Given in PFR	
18	Details of Plant and Machinery with capacity/ Technology used	Given in PFR	
19	Details of VOC emission and control measures wherever applicable	Scrubber to be provided	
20	WATER		
	I.	Construction Phase	
	a.	Source of Water	Borewell
	b.	Quantity of water for Construction in KLD	10

	c.	Quantity of water for Domestic Purpose in KLD	-	
	d.	Waste water generation in KLD	-	
	e.	Treatment facility proposed and scheme of disposal of treated water	-	
	II	Operational Phase		
	a.	Source of Water	Borewell	
	b.	Total Requirement of Water in KLD	Fresh	1000
			Recycled	-
			Total	1000
	c.	Requirement of water for industrial purpose/production in KLD	Fresh	500
			Recycled	-
			Total	500
	d.	Requirement of water for Domestic purpose in KLD	Fresh	500
			Recycled	-
			Total	500
	e.	Waste Water generation in KLD	Industrial effluent	500
			Domestic sewage	400
			Total	900
	f.	ETP/STP capacity	500KLD Capacity of STP	
	g.	Technology employed for Treatment	SBR	
	h.	Scheme of disposal of excess treated water if any	NA	
21	Infrastructure for Rain water harvesting		Rain Water harvesting to be provided	
22	Storm water management plan		Surface run-off is sent to external storm water drain	
23	Air Pollution			
	a.	Source of Air Pollution	DG set	
	b.	Composition of Emissions	PM & SO ₂	
	c.	Air Pollution control measures proposed and technology employed	Chimney, Scrubber and Acoustic Enclosures	
24	Noise Pollution			
	a.	Sources of Noise pollution	D.G. Set	
	b.	Expected levels of Noise pollution in dB	<85dB	
	c.	Noise pollution control measures proposed	Acoustic enclosures	
25	WASTE MANAGEMENT			

	I.	Operation Phase	
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable Non-Biodegradable
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Given in PFR
	c.	Quantity of E-waste generation with source and mode of Disposal as per norms	NA
26		Risk Assessment and disaster management	√
27		POWER	
	a.	Total Power Requirement in the Operational Phase with source	The required power will be around 50-60MW from DISCOM
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 number of capacity of 2MW back up DG set
	c.	Details of Fuel used with purpose such as boilers, DG , Furnace, TFH, Incinerator Set etc.,	Diesel for back-up DGs
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	NA
28		PARKING	
	a.	Parking Requirement as per norms	NA
	b.	Internal Road width(RoW)	NA
29		Any other information specific to the project (Specify)	NA

The proposal was placed before the committee for appraisal.

The proponent and Environmental consultant attended the 211th meeting held on 26-10-2018 to provide required clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, conceptual plan and clarification/additional information provided during the meeting. The proponent has stated that he has obtained the consent of the land owners and these lands are yet to be acquired by observing due processes and the proponent has stated that the land acquisition process will be completed by the time of EIA appraisal.

The Committee after discussion decided to appraise the proposal as B1 and had decided to recommend the proposal to SEIAA for issue of 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 proponent has to ascertain whether the area proposed falls under command area of any projects, if so the proponent has to get the area deleted from notified command area.
- 2) Categories of industries proposed to be established may be detailed.
- 3) Possibility of providing CETP or ETP as the case may be has to be studied and submitted.
- 4) Scheme to develop green belt buffer all along the boundary atleast to a width of 10 meters with heavy foliage indigenous fruit bearing species may be detailed.
- 5) List out the flora and fauna found in the 10/15 kilometer aerial distance from the project and propose suitable comprehensive biodiversity plan authenticated by the Chief Wild life Warden along with budget back up for scheduled-I fauna and endangered species if any.
- 6) Explore the possibility of developing suitable eco-pond to harvest rainwater and to conserve top soil.
- 7) Details of suitable buffer zones that are to be maintained along the water bodies as per norms.
- 8) Surface hydrological study.
- 9) Extensive study on health status of habitants in nearby villages.
- 10) Extensive study on meteorological data including air quality model studies.
- 11) Documents related to possession of land to be incorporated in the EIA.
- 12) The details of the land records indicating the existence of kharab land may be furnished.
- 13) The detailed schematic of CETP and location proposed may be furnished.
- 14) The Proponent should carry out social impact assessment that the project as per OM Dated: 21-8-2014 issued by the Ministry regarding guidelines on environment sustainability & enterprise social commitment(Esc) related issued. The social impact assessment studies so carried out should form part of EIA & EMP report.
- 15) The proponent to submit the list of trees(specieswise) and the number of trees proposed (specieswise) to develop green belt of atleast 10-15 meters width all along the project boundary as per the CPCB guidelines so as to achieve a green cover of 33% of the project area.
- 16) Detail designs of rain lined water storage structures/features, such as but not limited to impermeable line tanks near downstream of nalas, check dams, water impounding structures.

Accordingly ToRs were issued on 15-12-2018. The proponent has submitted the final EIA report on 14-3-2019. The same was placed before the committee for appraisal.

The proponent and Environment consultant attended the 219th meeting held on 27-3-2019 to provide required information. The committee noted that the buffer zone of water bodies have not been maintained as per the Hon'ble NGT order and due to this the concept plan now drawn gets changed, for this the proponent has stated that he will come back by freezing the concept plan taking all the relevant factors into consideration. Hence the committee decided to defer the subject

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

ToR Proposals:

219.64 Proposed Bengaluru Signature Business Park (BSBP) with the following facilities Project at Sy.Nos. 1, 2, 3, 4, 5, 6(part), 7(part), 8(part), 9(part), 75(part), 42(part), 35(part), 36(part), 1 (part), 3(part), 4(part), 48, 49, 38, 46, 44, 43, 45, 47, 40, 39, 42, 5, 6 28(part), 36, 35, 34, 33(part), 37, 38, 39(part), 46(part), 45, 44, 47(part), 48(part), 100, 24, 101(part), 103(part), 28 (part), 26 (part), 27 (part), 32(part), 114(part), 113(part), 112, 111(part), 126 (part), 125 (part), 124 (part), 123(part), 122(part), 121(part), 120 (part), 119(part) of Buvanahalli Village, Udayagiri, Doddasanni and Anneshwara Villages, Devanahalli Taluk, Bangalore Urban District By Karnataka State Industrial and Infrastructure Development Corporation Limited (SEIAA 170 CON 2018)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Karnataka State Industrial and Infrastructure Development Corporation (KSIIDC) Ms. Gunjan Krishna, I.A.S (Managing Director) Khanija Bhavan, 4 th Floor, East Wing, #49, Race Course Road, Bengaluru, Karnataka 560001.
2	Name & Location of the Project	Bengaluru Signature Business Park By Karnataka State Industrial And Infrastructure Development Corporation (KSIIDC) Buvanahalli, Udayagiri, Doddasanni and Anneshwara Villages, Devanahalli Taluk, Bengaluru.
3	Co-ordinates of the Project Site	A) 13° 13'3.81"N - 77°40'45.47"E, B) 13°13'2.96"N- 77°40'51.34"E, C) 13° 13'1.09"N - 77°40'49.90"E, D) 13°13'0.26"N - 77°40'56.26"E, E) 13° 13'1.65"N - 77°40'56.79"E, F) 13° 13'1.89"N - 77°40'57.98"E, G) 13° 12'39.78"N - 77°42'51.89"E,

		H) 13° 12'39.59"N - 77°42'51.87"E, I) 13° 12'40.75"N - 77°40'28.04"E, J) 13° 12'42.40"N - 77°40'27.46"E, K) 13° 12'45.09"N - 77°40'27.19"E, L) 13° 12'49.59"N - 77°40'31.51"E, M) 13° 12'55.75"N - 77°40'37.93"E									
4	Environmental Sensitivity										
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Dodda Sanne Kere - 0.4 km - N Bettakote Lake - 0.8 km - E KannamangalaKere - 1.1 km - WNW									
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.	A lake is present near the Project Site. NGT Direction in O.A 222 of 2014 dated 04.05.2016 states as below: In the case of Lakes, 75m from the periphery of water body to be maintained as green belt and buffer zone for all the existing water bodies i.e. lakes/wetlands. The distance between the boundary of the Project site and the periphery of the lake is more than 75m and hence no Buffer zone is required.									
5	Type of Development										
a.	New/Expansion/Modification										
b.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Others (Bengaluru Signature Business Park)									
c.	Residential Township/ Area Development Projects	Area Development Projects									
6	Plot Area (Sqm)	16,47,380 Sq.M. (407.13 Ac)									
7	Built Up area (Sqm)	28,62,904 Sq.m									
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	<table border="1"> <tr><td>I. Business District</td></tr> <tr><td>a) Business & finance</td></tr> <tr><td>b) Innovation and research service provider</td></tr> <tr><td>c) KSIIDC land parcel</td></tr> <tr><td>II. Design & Culture District</td></tr> <tr><td>d)Design & Culture</td></tr> <tr><td>e)Media centre</td></tr> <tr><td>III. Innovation and Research District</td></tr> <tr><td>IV. MICE and Retail District</td></tr> </table>	I. Business District	a) Business & finance	b) Innovation and research service provider	c) KSIIDC land parcel	II. Design & Culture District	d)Design & Culture	e)Media centre	III. Innovation and Research District	IV. MICE and Retail District
I. Business District											
a) Business & finance											
b) Innovation and research service provider											
c) KSIIDC land parcel											
II. Design & Culture District											
d)Design & Culture											
e)Media centre											
III. Innovation and Research District											
IV. MICE and Retail District											

9	Number of units in case of Construction Projects	Not Applicable
10	Number of Plots in case of Residential Township/ Area Development Projects	Not applicable
11	Project Cost (Rs. In Crores)	Rs. 504.55 Crores
12	Recreational Area in case of Residential Projects / Townships	Not Applicable
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	Ground Coverage Area - 4,47,827Sq.m (110.66 Ac) Total Developable Land Area - 10,00,097 Sq.m(247.13 Ac)
b.	Kharab Land	RTC provided
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	9m wide green belt along the 3,875 m long airport side boundary wall - 34,880 Sq.m. There will be avenues and boulevards along the roads and in the green parcels.
d.	Internal Roads	3,12,330Sq.m (77.18 Ac)
e.	Paved area	Ground Cover - 4,47,827 Sq.m (110.66 Ac) Roads -3,12,330 Sq.m (77.18 Ac)
f.	Others Specify	Utilities - 57,043 (14.10 Ac) Parking and amenities - 25,280 (6.25 Ac)
g.	Parks and Open space in case of Residential Township/ Area Development Projects	2,52,630Sq.m (62.43 Ac)
h.	Total	16,47,380Sq.m (407.08 Ac)
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 there are no existing structures on the land.
b.	Total quantity of Excavated earth (in cubic meter)	Details will be furnished in the EIA report
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	-do-

d.	Excess excavated earth (in cubic meter)	-do-
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	-do-
15	WATER	
I.	Construction Phase	
a.	Source of water	BWSSB
b.	Quantity of water for Construction in KLD	100 KLD
c.	Quantity of water for Domestic Purpose in KLD	20 KLD
d.	Waste water generation in KLD	16 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Details will be furnished in the EIA report
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 9210 KLD
		Recycled 12590 KLD
		Total 22180 KLD
b.	Source of water	BWSSB
c.	Waste water generation in KLD	14440 KLD. Detailed water and wastewater balance will be furnished in the EIA Report
d.	STP capacity	Adequate no of STPs totalling to a capacity of 13000 kld will be provided. Details will be furnished in the EIA report
e.	Technology employed for Treatment	Details will be furnished in the EIA report
f.	Scheme of disposal of excess treated water if any	The recycled water will be used for flushing, greenbelt maintenance and makeup water for HVAC cooling towers. Details will be furnished in the EIA report
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	<p>It is proposed to build roof run-off water tank within the land parcels by the land parcel developers.</p> <ul style="list-style-type: none"> • 4 nos. of 62,199 Cu.M. storage ponds are proposed in the masterplan for the road run-off, green run-off and the overflow from the roof- off at the individual parcel level. • Details of Rainwater harvesting will be furnished in the EIA report.
b.	No's of Ground water recharge	Details will be furnished in the EIA Report.

	pits	
17	Storm water management plan	Details will be furnished in the EIA Report.
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Construction debris will be the primary solid waste generated at site. The same will be stacked separately and dumped at approved sites.
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	Details will be furnished in EIA report.
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	18,900 Kg/Day estimated. Details of solid waste management will be furnished in the EIA report.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	None.
d.	Quantity of E waste generation and mode of Disposal as per norms	Details will be furnished in the EIA report.
19	POWER	
a.	Total Power Requirement - Operational Phase	80 MVA from Grid (KPTCL).
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2 x 1000 kVA.
c.	Details of Fuel used for DG Set	Minimum emission / eco-friendly / eco-sensitive fuel will be used
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"> ✓ Maximum utilization of natural light. ✓ LED lighting fixtures ✓ Energy efficient HVAC systems to maintain indoor air quality. ✓ Appropriate thermal insulation in walls and roofs to reduce heat gain and loss. ✓ Shading options wherever available will be used for energy saving.
20	PARKING	
a.	Parking Requirement as per norms	Details will be furnished in EIA report
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Details will be furnished in EIA report after conducting traffic survey.
c.	Internal Road width (RoW)	45m, 30m, 24m, 21m, 18m, 12m. are different

		internal road widths.
21	Any other information specific to the project (Specify)	

The proposal was placed before the committee for appraisal.

The proponent was invited for the 215th meeting to provide required clarification. The proponent remained absent without intimation.

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

The proponent was invited for the 219th meeting held on 27-3-2019 to provided required information.

The proponent and Environment Consultant attended the meeting to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report and clarification/additional information provided during the meeting.

The 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) The acquisition of forest land which is covered in the concept plan may be detailed and submitted.
- 2) Details about maintaining 33% greenary area may be worked out and submitted.
- 3) Explore the possibility of putting up waste to energy plant.
- 4) Implication of Hon'ble NGT order in respect of buffer zones for water bodies and nalas may be detailed.
- 5) Source of water to meet the water requirement for the entire area may be detailed with necessary water allotments from the competent authorities.
- 6) Justify categorizing the project under category 8(b) instead of 7(c).

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

219.65 Proposed Project "Bulk drugs and Intermediates unit at Plot No.123 & 124, KIADB, Industrial Area, Raichur Growth Centre, Raichur Tq and Dist Chicksugur-584134 by M/s. J Y Pharma Pvt Ltd(SEIAA 04 IND 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name and Address of the Project Proponent	Plot No.: 123 & 124, K.I.A.D.B., Industrial Area, Raichur Growth Centre, Raichur Tq. & District, Chicksugar - 584 134, Karnataka.

2	Name and Location of the Project	M/s. JY Pharma Private Limited At Plot No.: 123 & 124, K.I.A.D.B., Industrial Area, Raichur Growth Centre, Raichur Tq. & District, Chicksugar - 584 134, Karnataka.
3	Co-ordinates of the Project Site	Latitude: 16° 18'29.81"N Longitude: 77° 21'18.41"E
4	Environmental Sensitivity	
	a.	Distance From nearest Lake/ River/ Nala
	b.	Distance from Protected area notified under wildlife protection act
	c.	Distance from the interstate boundary
	d.	Whether located in critically / severally polluted area as per the CPCB norms
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	Activity 5 (f) of Category-B
6	New/ Expansion/ Modification/ Product mix change	Modification
7	Plot Area (Sqm)	3583 Sqmt
8	Built Up area (Sqm)	
9	Component of developments	"Modification of bulk drugs and intermediates unit"
10	Project cost (Rs. In crores)	Rs.4.5 crores
11	Details of Land Use (Sqm)	
	a.	Ground Coverage Area
	b.	Kharab Land
	c.	Internal Roads
	d.	Paved area
	e.	Parking
	f.	Green belt
	g.	Others Specify
	h.	Total
12	Products and By- Products with quantity (enclose as Annexure if necessary)	Existing products are inorganic in nature which will be stopped and proposed the Bulk drugs and intermediates as listed in the ANNEXURE-1.
13	Raw material with quantity and their source (enclose as Annexure if necessary)	Detailed in feasibility report
14	Mode of transportation of Raw material and storage facility	The chemicals required for the process mostly bought from the local (indigenous) markets. Mode of transportation of all materials to the

		project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores	
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	Mode of transportation of coal to the project site is by road and will be stored in coal storage yard	
16	Fly ash production, storage and disposal details whereas coal is used as fuel	Coal ash from boiler will be stored in designated area and will sent to brick manufacturing industry	
17	Complete process flow diagram and technology employed	Detailed in EIA	
18	Details of Plant and Machinery with capacity/ Technology used	Coal fired Boiler - 1 X 2 TPH	
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	Will be treated in existing STP	
	II Operational Phase		
	a. Source of water	KIADB	
	b. Total Requirement of Water in KLD	48.2 KLD	
	c. Requirement of water for industrial purpose / production in KLD	Fresh	42.2 KLD
		Recycled	-
		Total	42.3 KLD
	d. Requirement of water for domestic purpose in KLD	Fresh	3 KLD
		Recycled	-
		Total	3 KLD
	e. Waste water generation in KLD	Industrial effluent	29 KLD
		Domestic sewage	2.50 KLD
		Total	31.6 KLD
	f. ETP/ STP capacity	MEE Of 25 KLD capacity with stripper and ATFD	
	g. Technology employed for Treatment	MEE Of 25 KLD capacity with stripper and ATFD	

	h.	Scheme of disposal of excess treated water if any	Zero discharge	
21	Infrastructure for Rain water harvesting			
22	Storm water management plan		Will be implemented	
23	Air Pollution			
	a.	Sources of Air pollution	Dg set of capacity 125 KVA X 2 , Boiler-1X2TPH	
	b.	Composition of Emissions	--	
	c.	Air pollution control measures proposed and technology employed	Cyclone separator followed by suitable pack of Bag filters	
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 waste (Process Residue)	281.48 Kg/Day
			MEE Salts	1259.33 Kg/Day
			Inorganic Waste	245.45 Kg/Day
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Description	Quantity
			ETP Sludge	200 Kg/Day
			Used Oils	1.5 KL/Annum
			Detoxified Containers	600 No's / Month
			Used Lead Acid Batteries	2 No's/ Annum
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--	
26	Risk Assessment and disaster management		Will be provided during EIA submission	
27	POWER			
	a.	Total Power Requirement in the Operational Phase with source	Electricity- Source- GESCOM Existing- 160 KVA Proposed- 100 KVA	
	b.	Numbers of DG set and capacity in	Existing- 125 KVA X 1	

	KVA for Standby Power Supply	Proposed- 125 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	--
	b. Internal Road width (RoW)	Approach road width-18m Internal road width-6m (min)
29	Any other information specific to the project (Specify)	--

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

The Proponent and Environment Consultant attended the meeting to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, and clarification/additional information provided during the meeting. The committee noted that the construction has already been taken up based on the CFE issued by KSPCB and CFE covers only inorganic products for which EC was not mandated. The proponent stated that this application has been made out as he is proposing to manufacture synthetic organic products also.

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 products supported by P & ID.
2. 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.
3. 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.
4. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage. The quantity of solvent storage shall be limited such that the red zone during risk assessment is limited within the boundary of the unit.
5. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP

6. Identify and evaluate the steps in the manufacturing of products that may represent risks to personnel or equipment and conduct a detailed investigation and present the hazop study along with risk assessment, disaster management for worst case scenario, all control equipment and mitigation measures adopted, emergency preparedness and onsite emergency plan.
7. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.
8. Present the scheme proposed to isolate the lithium (if used) and other salts from MEE and explore the possibility of their disposal advantageously.
9. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.
10. 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.
11. Explore the alternate source of fuel for the boilers instead of coal.
12. Explore the possibility of adoption of nano technology to reduce the volume of organic raw materials.

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

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

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

	c.	Distance from the interstate boundary	Karnataka -Telgana Border-8.3Km
	d.	whether located in critically / severally polluted area as per the CPCB norms	No
5		Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	Activity 5 (f) of Category-A
6		New/ Expansion/ Modification/ Product mix change	Expansion
7		Plot Area (Sqm)	8910Sqmt
8		Built Up area (Sqm)	3628.12Sqmt
9		Component of developments	"Manufacturing of Bulk drug and Intermediates unit"
10		Project cost (Rs. In crores)	24.77 Crores
11		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	3628.12Sqmt
	b.	Kharab Land	--
	c.	Internal Roads	1663.38Sqmt
	d.	Paved area	500Sqmt
	e.	Parking	--
	f.	Green belt	3118.50Sqmt
	g.	Others Specify	--
	h.	Total	8910Sqmt
12		Products and By- Products with quantity (enclose as Annexure if necessary)	Refer Annexure-1
13		Raw material with quantity and their source (enclose as Annexure if necessary)	Refer Annexure-2
14		Mode of transportation of Raw material and storage facility	The chemicals required for the process are mostly bought from the local (indigenous) markets. Mode of transportation of all raw materials to the project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores
15		Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	Mode of transportation of coal to the project site is by road and will be stored in Coal storage yard
16		Fly ash production, storage and disposal details whereas coal is used as fuel	Coal ash from boiler will be stored in designated area and will sent to cement industry.
17		Complete process flow diagram and technology employed	Will be detailed in prefeasibility report

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

		proposed and technology employed	control particulate matter Two stage scrubber provided to glass line reactors vents to control acid mist	
24	Noise Pollution			
	a.	Sources of Noise pollution	Dg set, motors, compressor	
	b.	Expected levels of Noise pollution in dB	75 dB	
	c.	Noise pollution control measures proposed	Dg set will be installed with inbuilt acoustic enclosures	
25	WASTE MANAGEMENT			
	I.	Operational Phase		
	a.	Quantity of Solid waste generated per day and their disposal	Organic solid waste	724.57 kg/day
			MEE salts	916.94 Kg/day
			Used oils	1.5KL/day
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms		
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--	
26	Risk Assessment and disaster management		Will be provided during EIA submission	
27	POWER			
	a.	Total Power Requirement in the Operational Phase with source	Electricity- GESCOM Existing- 1500 KVA Coal Fired Boilers: 5TPH	
	b.	Numbers of DG set and capacity in	500 kVA X 1	
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boiler - Coal Dg set - HSD	
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as CFL and LED lights are proposed in the project.	
28	PARKING			
	a.	Parking Requirement as per norms	60 numbers	
	b.	Internal Road width (RoW)	Approach road width - 18m Internal road width - 5m(min)	
29	Any other information specific to the project (Specify)		--	

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



The Proponent and Environment Consultant attended the meeting to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, and clarification/additional information provided during the meeting.

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

1. Submit the compliance to earlier EC conditions and CFO conditions.
2. Establish with layout plan the adoption of GMP for manufacturing products supported by P & ID.
3. Based on experimental data, present the material balance / mass balance for each product with quantities of distillate residue, solvent loss and fugitive emissions. Also evaluate and present the ratio of (i) waste to product and (ii) raw material to product for each of the products proposed to be manufactured.
4. Enlist the raw materials with quantity with particular mention of any pyrophoric & highly reactive materials and precautions taken for their storage. Also mention any restricted/banned chemicals, if used in your product manufacture proposal.
5. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage. The quantity of solvent storage shall be limited such that the red zone during risk assessment is limited within the boundary of the unit.
6. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
7. Identify and evaluate the steps in the manufacturing of products that may represent risks to personnel or equipment and conduct a detailed investigation and present the hazop study along with risk assessment, disaster management for worst case scenario, all control equipment and mitigation measures adopted, emergency preparedness and onsite emergency plan.
8. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.
9. Present the scheme proposed to isolate the lithium (if used) and other salts from MEE and explore the possibility of their disposal advantageously.
10. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.
11. Highlight the green chemistry adopted with particular mention of your efforts to replace toxic solvents and reagents such as EDC, MDC, chloroform, butyl lithium, lithium aluminium hydride, sodium borohydride, thionyl chloride, THF etc wherever done and if bromination is done using bromine, better alternatives to bromine as brominating agent.

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

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

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

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Srinivasroa M Managing Director AtPlot No.: 120, 121, 122. K.I.A.D.B., Industrial Area, Raichur Growth Centre, Raichur Tq. & District, Chiksugur - 584 134, Karnataka.
2	Name & Location of the Project	M/s. Vibrant Pharmachem Private Limited Plot No.: 57, 58, 69 and 70. K.I.A.D.B., Industrial Area, Raichur Growth Centre, Chiksugur, Raichur Tq. & District, Karnataka - 584 134
3	Co-ordinates of the Project Site	Latitude - 16° 18'32.0"N Longitude - 77° 21'23.24"E
4	Environmental Sensitivity	
	a.	Distance From nearest Lake/ River/ Nala
	b.	Distance from Protected area notified under wildlife protection act
	c.	Distance from the interstate boundary
	d.	whether located in critically / severally polluted area as per the CPCB norms
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	Activity 5 (f) of Category-B
6	New/ Expansion/ Modification/ Product mix change	Expansion
7	Plot Area (Sqm)	8094Sqmt
8	Built Up area (Sqm)	1698.94Sqmt
9	Component of developments	"Manufacturing of Bulk drug and Intermediates unit"

10	Project cost (Rs. In crores)	Rs. 17.96Crores
11	Details of Land Use (Sqm)	
	a. Ground Coverage Area	--
	b. Kharab Land	--
	c. Internal Roads	1850Sqmt
	d. Open area	1744.35 Sqmt
	e. Parking	--
	f. Green belt	2800.71
	g. Others Specify	--
	h. Total	8094Sqmt
12	Products and By- Products with quantity (enclose as Annexure if necessary)	Refer Annexure-1 and 2
13	Raw material with quantity and their source (enclose as Annexure if necessary)	Details are in Pre-feasibility report,
14	Mode of transportation of Raw material and storage facility	The chemicals required for the process are mostly bought from the local (indigenous) markets. Mode of transportation of all raw materials to the project site is by road. Liquid chemicals will be stored in tanker yard, Drum yard and the solid chemicals will be in stores
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	Mode of transportation of coal to the project site is by road and will be stored in Coal storage yard
16	Fly ash production, storage and disposal details whereas coal is used as fuel	Coal ash from boiler will be stored in designated area and will sent o brick manufacturing industry
17	Complete process flow diagram and technology employed	Will be detailed in EIA
18	Details of Plant and Machinery with capacity/ Technology used	Electricity- GESCOM Existing Utilities Coal Fired Boilers: 1.5 TPH. Oil heating system - 2X2 lakh Kilo calories
19	Details of VOC emission and control measures wherever applicable	--
20	WATER	
	I. Construction Phase	
	a. Source of water	Open well
	b. Quantity of water for Construction in KLD	2 KLD
	c. Quantity of water for Domestic Purpose in KLD	1 KLD

	d.	Waste water generation in KLD	0.8 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Treated in soak pit	
	II Operational Phase			
	a.	Source of water	KIADB	
	b.	Total Requirement of Water in KLD	Fresh	73 KLD
			Recycled	--
			Total	73 KLD
	c.	Requirement of water for industrial purpose / production in KLD	Fresh	19.8 KLD
			Recycled	--
			Total	19.8 KLD
	d.	Requirement of water for domestic purpose in KLD	Fresh	4.2KLD
			Recycled	2.1
			Total	6.3 KLD
	e.	Waste water generation in KLD	Industrial effluent	42.7 KLD
			Domestic sewage	2.5 KLD
			Total	45.2 KLD
	f.	ETP/ STP capacity	Biological treatment plant - 35KLD	
	g.	Technology employed for Treatment	MEE of 30 KLD capacity with 5 KLD stripping section	
	h.	Scheme of disposal of excess treated water if any	Zero discharge	
21	Infrastructure for Rain water harvesting		NA	
22	Storm water management plan		For the storm water drain, will going to provide closed concrete structures which do not pass chemical to the drain by washing and treatment of chemicals.	
23	Air Pollution			
	a.	Sources of Air pollution	Dg set, Boiler	
	b.	Composition of Emissions	--	
	c.	Air pollution control measures proposed and technology employed	Process emission will be connected to 2 stage scrubber for treatment	
24	Noise Pollution			
	a.	Sources of Noise pollution	Dg set, motors, compressor	
	b.	Expected levels of Noise pollution in dB	75 dB	
	c.	Noise pollution control measures proposed	Dg set will be installed with inbuilt acoustic enclosures	
25	WASTE MANAGEMENT			
	I. Operational Phase			
	a.	Quantity of Solid waste generated per day and their disposal	Organic solid waste	2156.33 kg/day
			MEE salts	7012.57 Kg/day

	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Attached as annexure -3
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--
26		Risk Assessment and disaster management	Will be provided during EIA submission
27		POWER	
	a.	Total Power Requirement in the Operational Phase with source	Electricity Source-GESCOM Existing- 500 KVA Proposed- 300 KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Existing-325KVA X 1, 125 KVA X 1 Proposed- 325 KVA X 1
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boiler - Coal Hot oil boiler- oil fired Dg set - HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy conservation devices such as CFL and LED lights are proposed in the project.
28		PARKING	
		Parking Requirement as per norms	50 numbers
	b.	Internal Road width (RoW)	Approach road width - 18.25 m Internal road width -6m(min)
29		Any other information specific to the project (Specify)	--

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

The Proponent and Environment Consultant attended the meeting to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, and clarification/additional information provided during the meeting.

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

1. Compliance to EC conditions and CFE/CFO conditions may be furnished.
2. Establish with layout plan the adoption of GMP for manufacturing products supported by P & ID.
3. Based on experimental data, present the material balance / mass balance for each product with quantities of distillate residue, solvent loss and fugitive

- emissions. Also evaluate and present the ratio of (i) waste to product and (ii) raw material to product for each of the products proposed to be manufactured.
4. Enlist the raw materials with quantity with particular mention of any pyrophoric & highly reactive materials and precautions taken for their storage. Also mention any restricted/banned chemicals, if used in your product manufacture proposal.
 5. Provide the solvents storage plan with quantity as per standard norms highlighting any special precautions adopted for storage. The quantity of solvent storage shall be limited such that the red zone during risk assessment is limited within the boundary of the unit.
 6. For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP
 7. Identify and evaluate the steps in the manufacturing of products that may represent risks to personnel or equipment and conduct a detailed investigation and present the hazop study along with risk assessment, disaster management for worst case scenario, all control equipment and mitigation measures adopted, emergency preparedness and onsite emergency plan.
 8. Present the scheme proposed for separation of high TDS effluent and its treatment & disposal through MEE used, justifying the stages and design parameters.
 9. Present the scheme proposed to isolate the lithium (if used) and other salts from MEE and explore the possibility of their disposal advantageously.
 10. Evaluate the hydrogenation process (if adopted) and give a detailed description of the safety measures and precautions taken.
 11. Highlight the green chemistry adopted with particular mention of your efforts to replace toxic solvents and reagents such as EDC, MDC, chloroform, butyl lithium, lithium aluminium hydride, sodium borohydride, thionyl chloride, THF etc wherever done and if bromination is done using bromine, better alternatives to bromine as brominating agent.
 12. Explore the alternate source of fuel for the boilers instead of coal.
 13. Explore the possibility of adoption of nano technology to reduce the volume of organic raw materials.

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

With the permission of Chairman:

219.68 Proposed Hiremagi-Ramthal Iron Ore Mine Project in M.L.No.2394 at Sy.Nos. Hiremagi F.S.No.65 & Ranthal F.S.No.116, Govt. Forest Land of Hiremagi-Ramthal Villages, Hungund Taluk, Bagalkot District (39.20 Ha) By Sri Doddanavar Brothers (SEIAA 67 MIN (VIOL) 2018)

Sl.	PARTICULARS	INFORMATION
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No		
1	Name & Address of the Project Proponent	Mr. Rachappa CEO M/s. Doddanavar Brothers Corporate House, Opp. Hotel Ksema Inn, Near 3rd Railway Gate, Khanapur Road, Belagavi, Karnataka.
2	Name & Location of the Project	Hiremagi-Ramthal Iron Ore Mine (ML No. 2394) Hiremagi and Ramthal Village, Hungund Tehsil, Bagalkote District, Karnataka State.
3	Co-ordinates of the Project Site	B. P. No
		Latitude (North)
		Longitude (East)
		1
		2
		3
		4
		5
		6
7		
8		
4	Type of Mineral	Iron Ore
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Forest land
7	Whether the project site fall within ESZ/ESA	NO
8	Area in Ha	39.20
9	Actual Depth of sand in the lease area in case of River sand	Not Applicable
10	Depth of Sand proposed to be removed in case of River sand	Not Applicable
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	Not Applicable
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	3,80,000 Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter	2,79,500 Cu.M

15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	14,050 Tons Annum
16	Project Cost (Rs. In Crores)	18.5 Crores
17	Environmental Sensitivity	
	a. Nearest Forest	Mining activity is carried-out in Forest Area of 39.20 Ha, as per the approved DGPS plan.
	b. Nearest Human Habitation	Sulebhavi Village having 3,403 populations, which is at a distance of 3.8 km.
	c. Educational Institutes, Hospital	Sai Public School, Amingad Village is at a distance of 4 km by road. Govt. Primary School, Hiremagi village at 3.5kms & Sulebhavi at 3.8kms Primary Health Center- Amingad- 4kms Primary Health Center-Kamtagi-5kms Places of worships and community facilities are present within the study region within 5 km by road.
	d. Water Bodies	The mine is located at a 3.5 km (aerial distance) from the Malaprabha River
	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	19.65 Ha
	b. Waste Dumping Area	6.75 Ha
	c. Top Soil Storage Area	3.39 Ha
	d. Mineral Storage Area	0.88 Ha
	e. Infrastructure Area	0.08 Ha
	f. Road Area	0.89 Ha
	g. Green Belt Area	4.50 Ha
	h. Unexplored area	2.75 Ha
	i. Others Specify	0.31 Ha (Area for Plant)
20	Method of Mining/ Quarrying	Open Cast, Fully Mechanized Mining
21	Rate of Replenishment in case River sand project	Nil
22	Water Requirement	200 KLD

	a.	Source of water	The water shall be drawn from the bore wells outside the lease area belongs to lessee.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	50 KLD
			Domestic	75 KLD
			Other	75 KLD
		Total	200 KLD	
23	Storm water management plan		At the end of the life of the mine, working pit will be converted as a storm water pit.	
24	Any other information specific to the project (Specify)		--	

The proposal was placed before the 212th meeting held on 20-11-2018 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 observed that the mining lease was granted for this project initially in 1960 and valid for 30 years. In 1990 the mine lease was renewed for 20 years. Now as per MMDR Act 2015 the mine lease is upto 31-03-2020. The mining plan was approved initially by IBM and the mining activity is being carried out continuously since then except the periods between 1997 to 1999 in the absence of forest clearance but the forest clearance was granted during the year 1999 with retrospective effect from 1990 for 20 years and between 2010 to 2016 for want of Forest clearance mining was not carried out. The proponent has approached the court and brought the relief based on the MMDR amendment Act 2015 which stipulates the forest clearance is co-terminous with the lease period of the mine and further the court has directed to carry out the activity by paying royalty and other taxes.

The EC was issued during the year 2006 by MoEF, GoI for a production capacity of 0.38 MTPA after conducting public hearing on 19th July 2005. Now this application has been made out as per the Notification dated :6-4-2018. Since all activities carried out are as per norms laid down in the approved orders the proponent requested not to categorise mining activities under violation.

In view of the above, the committee opined that this project does not fall under violation category and may be delisted from the violation category.

The authority perused the proposal and took note of the recommendation of SEAC in its 160th meeting held on 7-12-2018.

The authority after discussion decided to delist the proposal under violation category and send the proposal to SEAC for appraisal.

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

The proponent and Environment consultant attended the meeting to provide required clarification/additional information.

However, the committee after discussion/deliberation decided to conduct site inspection for assessing the ground realities of the project and to issue any additional ToRs only after site inspection which has been scheduled on 15th & 16th March 2019.

Accordingly the SEAC team has visited the project site on 15-3-2019. Site visit report was placed before the committee for deliberation and committee approved the report.

However, during the meeting it was brought to the notice of the committee to appraise the proposal in accordance with MoEF & CC, GoI Notification dated:6-4-2018 issued in view of Hon'ble Supreme Court orders dated:2-8-2017 and 7-2-2018 where it is said that the validity of the EC issued under 1994 Notification is only for five years.

As regard the request made by the proponent about the adoption of data that is being collected regularly and also about the exemption from public hearing, the committee accepted to permit him to utilize the regular data which is being collected and also to recommend for exemption from public hearing.

The committee after discussion decided to forward the proposal to SEIAA for issue of standard ToRs and site specific additional ToRs to conduct the EIA studies by utilizing one month baseline data in accordance with the EIA Notification 2006 and to exempt the project from public hearing.

- 1) Protection measures to be taken by the side of deep vertical cut of the northern side may be detailed.
- 2) Scheme to increase the green belt efficiency replacing non-survived species may be detailed and also mitigative measures to raincuts appearing on the dump slope may also be detailed.
- 3) Measures to wash the dust already deposited on the trees and also measures that are to be taken to avoid dust deposition on the trees may be detailed.
- 4) Overall measures to suppress the dust at the source that is haulage roads and approach road may be detailed.

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

219.69 Proposed Hiremagi-Sulebhavi-Aihole Iron Ore Mine Project (Old M.L.No.2395 and New M.L. No.2649) at Hiremagi F.S, Sulebhavi F.S.No.367, Aihole F.S.No.166, Hiremagi-Sulebhavi-Aihole Villages, Hungund Taluk, Bagalkot District (30.33 Ha) By Sri Doddanavar Brothers (SEIAA 68 MIN (VIOL) 2018)

Sl. No	PARTICULARS	INFORMATION																																							
1	Name & Address of the Project Proponent	Mr. Rachappa CEO M/s. Doddanavar Brothers Corporate House, Opp. Hotel Ksema Inn, Near 3rd Railway Gate, Khanapur Road, Belagavi, Karnataka.																																							
2	Name & Location of the Project	Hiremagi-Sulebhavi-Aihole Iron Ore Mine (ML No. 2649) Hiremagi-Sulebhavi-Aihole Village, Hungund Tehsil, Bagalkote District, Karnataka State.																																							
3	Co-ordinates of the Project Site	<table border="1"> <thead> <tr> <th>B. P. No</th> <th>Latitude (North)</th> <th>Longitude (East)</th> </tr> </thead> <tbody> <tr><td>1</td><td>16°04'08.31"</td><td>75°54'32.60"</td></tr> <tr><td>2</td><td>16°04'07.08"</td><td>75°54'33.54"</td></tr> <tr><td>3</td><td>16°03'59.56"</td><td>75°54'36.02"</td></tr> <tr><td>4</td><td>16°03'55.18"</td><td>75°54'31.74"</td></tr> <tr><td>5</td><td>16°03'42.66"</td><td>75°54'30.64"</td></tr> <tr><td>6</td><td>16°03'39.76"</td><td>75°54'33.47"</td></tr> <tr><td>7</td><td>16°03'35.62"</td><td>75°54'36.11"</td></tr> <tr><td>8</td><td>16°03'22.66"</td><td>75°54'19.75"</td></tr> <tr><td>9</td><td>16°03'29.51"</td><td>75°54'18.24"</td></tr> <tr><td>10</td><td>16°03'37.05"</td><td>75°54'18.88"</td></tr> <tr><td>11</td><td>16°03'44.15"</td><td>75°54'28.76"</td></tr> <tr><td>12</td><td>16°03'05.88"</td><td>75°54'27.34"</td></tr> </tbody> </table>	B. P. No	Latitude (North)	Longitude (East)	1	16°04'08.31"	75°54'32.60"	2	16°04'07.08"	75°54'33.54"	3	16°03'59.56"	75°54'36.02"	4	16°03'55.18"	75°54'31.74"	5	16°03'42.66"	75°54'30.64"	6	16°03'39.76"	75°54'33.47"	7	16°03'35.62"	75°54'36.11"	8	16°03'22.66"	75°54'19.75"	9	16°03'29.51"	75°54'18.24"	10	16°03'37.05"	75°54'18.88"	11	16°03'44.15"	75°54'28.76"	12	16°03'05.88"	75°54'27.34"
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4	Type of Mineral	Iron Ore																																							
5	New / Expansion / Modification / Renewal	New																																							
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Forest land																																							
7	Whether the project site fall within ESZ/ESA	NO																																							
8	Area in Ha	30.33																																							
9	Actual Depth of sand in the lease area in case of River sand	Not Applicable																																							
10	Depth of Sand proposed to be removed in case of River sand	Not Applicable																																							
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining	Not Applicable																																							

	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	6,00,000 Tons/Annum
14	Quantity of Topsoil/Over burden in cubic meter	2,34,054 Cu.M
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	14,050 Tons Annum
16	Project Cost (Rs. In Crores)	20 Crores
17	Environmental Sensitivity	
	a. Nearest Forest	Mining activity is carried-out in Forest Area of 30.33 Ha, as per the approved DGPS plan.
	b. Nearest Human Habitation	Sulebhavi Village having 3,403 populations, which is at a distance of 3.8 km.
	c. Educational Institutes, Hospital	Sai Public School, Amingad Village is at a distance of 4 km by road. Govt. Primary School, Hiremagi village at 3.5kms & Sulebhavi at 3.8kms Primary Health Center- Amingad- 4kms Primary Health Center-Kamtagi-5kms Places of worships and community facilities are present within the study region within 5 km by road.
	d. Water Bodies	The mine is located at a 3.5 km (aerial distance) from the Malaprabha River
	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	22.98 Ha
	b. Waste Dumping Area	0.36 Ha
	c. Top Soil Storage Area	1.15 Ha

	d.	Mineral Storage Area	0.07 Ha	
	e.	Infrastructure Area	0.07 Ha	
	f.	Road Area	1.44 Ha	
	g.	Green Belt Area	4.19 Ha	
	h.	Unexplored area	0.00 Ha	
	i.	Others Specify	0.07 Ha (Area for Plant)	
20		Method of Mining/ Quarrying	Open Cast, Fully Mechanized Mining	
21		Rate of Replenishment in case River sand project	Nil	
22		Water Requirement	200 KLD	
	a.	Source of water	The water shall be drawn from the bore wells outside the lease area belongs to lessee.	
	b.	Total Requirement of Water in KLD	Dust Suppuration	50 KLD
			Domestic	75 KLD
			Other	75 KLD
			Total	200 KLD
23		Storm water management plan	At the end of the life of the mine, working pit will be converted as a storm water pit.	
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 212th meeting held on 20-11-2018 to provide clarification/additional information. The committee observed that the mining lease was granted for this project initially 1980 and valid for 20 years. In 2000 the mine lease was renewed for 10 years and again in the year 2007 the mine lease was renewed for another 10 years. Now as per MMDR Act 2015 the mine lease is upto 31-03-2030. The mining plan was approved initially by IBM and the mining activity is being carried out continuously since then except the periods between 2001 to 2003 in which the mining was not operative due to market conditions and between 2012 to 2016 due to the absence of forest clearance.

The forest clearance was granted during the year 2001 for 10 years. The proponent has approached the court and brought the relief based on the MMDR amendment Act 2015 which stipulates the forest clearance is coterminous with the lease period of the mine and further the court has directed to carry out the activity by paying royalty and other taxes.

The EC was issued during the year 2006 by MoEF, GoI for a production capacity of 0.60 MTPA after conducting public hearing on 19th July 2005. Now this application has been made out as per the Notification dated :6-4-2018. Since all activities carried

out are as per norms laid down in the approved orders the proponent requested not to categorise mining activities under violation.

In view of the above, the committee opined that this project does not fall under violation category and may be delisted from the violation category.

The authority perused the proposal and took note of the recommendation of SEAC in its 160th meeting held on 7-12-2018.

The authority after discussion decided to delist the proposal under violation category and send the proposal to SEAC for appraisal.

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

The proponent and Environment consultant attended the meeting to provide required clarification/additional information.

However, the committee after discussion/deliberation decided to conduct site inspection for assessing the ground realities of the project and to issue any additional ToRs only after site inspection which has been scheduled on 15th & 16th March 2019.

Accordingly the SEAC team has visited the project site on 15-3-2019. Site visit report was placed before the committee for deliberation and committee approved the report.

However, during the meeting it was brought to the notice of the committee to appraise the proposal in accordance with MoEF & CC, GoI Notification dated:6-4-2018 issued in view of Hon'ble Supreme Court orders dated:2-8-2017 and 7-2-2018 where it is said that the validity of the EC issued under 1994 Notification is only for five years.

As regard the request made by the proponent about the adoption of data that is being collected regularly and also about the exemption from public hearing, the committee accepted to permit him to utilize the regular data which is being collected and also to recommend for exemption from public hearing.

The committee after discussion decided to forward the proposal to SEIAA for issue of standard ToRs and site specific additional ToRs to conduct the EIA studies by utilizing one month baseline data in accordance with the EIA Notification 2006 and exempted the project from public hearing.

- 1) Protection measures to be taken by the side of deep vertical cut of the northern side may be detailed.
- 2) Scheme to increase the green belt efficiency replacing non-survived species may be detailed and also mitigative measures to raincuts appearing on the dump slope may also be detailed.
- 3) Measures to wash the dust already deposited on the trees and also measures that are to be taken to avoid dust deposition on the trees may be detailed.

- 4) Overall measures to suppress the dust at the source that is haulage roads and approach road may be detailed.

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

219.70 Proposed Building Stone Quarry Project at Sy.No.101/P-1, P-1 of Honnemadu Village, Mandya Taluk & Mandya District (12-00 Acres) by M/s. STG Infrasy Pvt Ltd(SEIAA 265 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s STG INFRASYS PVT.LTD Managing Director: C Ashok # 1023 25 R.No.107 Sristhi Sallgrama Apartment Jayalashmivilas Road, Chamarajapuram Mysore-570005, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 12-00 Acres of Govt. Land bearing Sy.No. 101/P-1, P-1, Honnemadu Village, Mandya Taluk & District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 12°39'39.3"	E 76°42'52.1"
		B	N 12°39'32.8"	E 76°42'51.9"
		C	N 12°39'36.3"	E 76°42'42.1"
		D	N 12°39'41.1"	E 76°42'43.6"
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	12-00 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	2,50,000 (Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	13,159Tons/ Annum		

16	Project Cost (Rs. In Crores)	0.30	
17	Environmental Sensitivity		
	a. Nearest Forest	Bevakallu S.F 3.5 Km ESE Hullikere S.F 8.96 Km SE Narayanadurg S.F 7.92 Km W Mudibetta S.F 5.79 Km NW	
	b. Nearest Human Habitation	Honnemadu-1.2 Km	
	c. Educational Institutes, Hospital	Mandya-26.0 Km	
	d. Water Bodies	Bhusandra Kere 4.86Km N Memasige betta Kere 3.73 Km NNE Un-named Kere 1.57 Km NE Maralekere Kere 2.63 Km ENE Lokapavani River 1.86 Km E Hormemedu Kere 710 m E Arakanakere Kere 1.34 km SE Nanahalli kere 4.35 Km S Un-named Kere 1.37 Km SW Nyamananahalli Kere 2.88 Km WSW Gottakahalli Kere 2.9 Km NW Chinya Kere 4.55 Km WNW Bachikoppalu Kere 8.83 Km NNE Tenginabhaga Kere 7.52 Km NE Muttegere kere 7.21 Km ENE Muttegerehatna Kere 5.51 Km ENE Bettahalli Kere 8.68 Km ESE Bankahalli Kere 8.9 Km SE Madarahalli Kere 7.8 Km SSE Halebidu Kere 7.96 Km SSW Melukote Kere 7.16 Km W Hosahalli Kere 6.30 Km WNW Kanagonahalli Kere 8.27 Km NNW	
	e. Other Specify		
18	Applicability of General Condition of the EIA Notification, 2006	None	
19	Details of Land Use in Hectares		
	a. Quarry working	4.070	
	b. Buffer Zone 7.5 m	0.646	
	c. Waste Dump yard	0.140	
	Infrastructures	0.100	
	d. 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	6.0 KLD
		Domestic	0.9 KLD
		Other	0.6 KLD
		Total	7.5 KLD
23	Storm water management plan	Will be carried out.	
24	Any other information specific to the	None	

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 219th meeting held on 27-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the mining lease for this project has been notified on 8-3-2019 and according to this notification the material generated from this quarry is to be utilized for various public works only. As per the quarry plan there is a level difference of 6 meters within the mining area and taking this into consideration only 65% of the proposed quantity of 1,52,000 cum can be mined safely and scientifically. As per the location map the proponent stated that the lease area is situated at 5.6 KM distance from the Melukote wildlife sanctuary for which notified eco sensitive area is 1.2 KM, and hence the quarry area is 4.4 KM from the edge of the eco sensitive zone and this has been certified by the DFO, Mandya Division. Since the lease area is less than 5 Ha, the general conditions will not apply. The DMG certified that there are no other leases within 500 m radius from the boundary of this lease.

As per the CER commitment is concerned the proponent has stated that he will earmark Rs.5 lakhs for rejuvenation of Anukuppekere which is 540 meters away from the quarry area and other environmental protection works.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting to 65% of the proposed quantity and alongwith the following conditions:

1. As the study area of 10 KM radius stretches into the wildlife sanctuary, the flora and fauna has to be listed out and if there are schedule-I fauna, and RET species, wildlife protection plan to be submitted along with the budget backup with time frame.
2. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
3. Safe drinking water has to be provided at the quarry site.
4. Dust suppression measures have to be strictly followed.
5. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.71 Proposed Building Stone Quarry Project at Sy.No.49/P-1 of Anekuppe Village, Mandya Taluk, Mandya District (3-00 Acres) by M/s. STG Infrasyas Pvt Ltd., (SEIAA 268 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s STG INFRASYS PVT.LTD Managing Director: C Ashok # 1023 25 R.No.107 Sristhi Sallgrama Apartment Jayalashmivilas Road, Chamarajapuram Mysore-570005, Karnataka		
2	Name & Location of the Project	Building Stone Quarry in 3-00 Acres of Govt. Land bearing Sy. No. 49/P-1 ,Anekuppe Village, Mandya Taluk & District, Karnataka		
3	Co-ordinates of the Project Site	C. P	Latitude	Longitude
		A	N 12°33'25.83"	E 76°43'14.87"
		B	N 12°33'23.12"	E 76°43'13.04"
		C	N 12°33'24.92"	E 76°43'09.59"
4	Type of Mineral	D	N 12°40.'27.73"	E 76°43'11.15"
		Building Stone		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	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	75,000 (Avg.) Tons/ Annum		

14	Quantity of Topsoil/Over burden in cubic meter	None
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	3,947 Tons/ Annum
16	Project Cost (Rs. In Crores)	0.16
17	Environmental Sensitivity	
	a. Nearest Forest	Bevakallu S.F 3.65 Km SE Narayamadurg S.F 8.83 Km WSW Mudibetta S.F 5.60 Km WSW
	b. Nearest Human Habitation	Anekuppe-1.00 Km
	c. Educational Institutes, Hospital	Mandya-26.0 Km
	d. Water Bodies	Menasige Kere 2.17 Km N Anukuppe Kere 540 m NE Gangavadi Kere 2.26 Km NE Malligere Kere 2.27 Km ESE Hunaganahalli Kere 4.64 Km ESE Chikkagangavadi Kere 2.01 Km ESE Lokapavani River 1.3 Km E Un-named Kere 1.00 Km ESE Un-named Kere 675 m SE Arakana Kere 2.4 Km SSE Honnemedu Kere 1.53 Km S Nyamanahalli Kere 4.28 Km SW Gottakahalli Kere 2.89 Km WNW Machalaghatta Kere 1.43 Km WNW Chinya Kere 3.8 Km NW Bhusandra Kere 3.32 Km NNE Bachikoppolu Kere 7.3 Km NNE Huchakallegaudanakoppalu Kere 8.45 Km NE Tenginabhaga Kere 5.95 Km NE Bennahatti Kere 8.57 Km ENE Muttegere Kere 6.03 Km ENE Kodagahalli Kere 8.13 Km ENE Bettahalli Kere 8.53 Km ESE Mallenahalli Kere 6.703 Km SSE Narahalli Kere 5.90 Km SSW Melukote Kere 7.93 Km WSW Hosahalli Kere 6.69 Km W Hosuru Kere 5.73 Km NW Kemmanahalli Kere 7.5 Km NW
	e. Other Specify	
18	Applicability of General Condition of the EIA Notification, 2006	None

19	Details of Land Use in Acres			
	a.	Quarry working	0.823	
	b.	Buffer Zone 7.5 m	0.321	
	c.	Waste Dump yard	0.040	
	d.	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	4.0 KLD
			Domestic	0.6 KLD
			Other	0.4 KLD
			Total	5.00 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 219th meeting held on 27-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the mining lease for this project has been notified on 8-3-2019 and according to this notification the material generated from this quarry is to be utilized for various public works only. As per the quarry plan there is a level difference of 17 meters within the mining area and taking this into consideration the proposed quantity of 5,06,075 cum or 13,15,795 tons can be mined safely and scientifically to a quarry depth of 6 meters. As per the location map the proponent stated that the lease area is situated at 5.84 KM distance from the Melukote wildlife sanctuary for which notified eco sensitive area is 1.2 KM, and hence the quarry area is 4.64 KM from the edge of the eco sensitive zone and this has been certified by the DFO, Mandya Division. Since the lease area is less than 5 Ha, the general conditions will not apply. The DMG certified that there are no other leases within the 500 meter radius from the boundary of this lease.

As per the CER commitment is concerned the proponent has stated that he will earmark Rs.15 lakhs for rejuvenation of Honemadagu tank which is at a distance of 710 meter and Arakanakere tank which is 1.34 KM away from the quarry area and other environmental protection works.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity and alongwith the following conditions:

1. As the study area of 10 KM radius stretches into the wildlife sanctuary, the flora and fauna has to be listed out and if there are schedule-I fauna, and RET species, wildlife protection plan to be submitted along with the budget backup with time frame.
2. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
3. Safe drinking water has to be provided at the quarry site.
4. Dust suppression measures have to be strictly followed.
5. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.72 Proposed Karadi Ordinary Sand Quarry Project at Sy.Nos. 21 & 27(P) of Karadi Village, Hunagundha taluk, Bagalkote District (13-30 Acres) By Sri Shivaputhrappa Basappa Sajjanara (SEIAA 08 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Shivaputhrappa Basappa Sajjanara Chikkamaagi Village, Hunagundha Taluk, Bagalkote.
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 13-30 Acres (5.563 Hectares) in Patta Land at Sy. No. 21 & 27(P) of Karadi Village, Hunagundha taluk, Bagalkote district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N16° 06' 01.5" to N 16° 05' 59.1" Longitude: E76° 12' 06.4" to E76° 11' 54.8"
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	5.563 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	5.00 m
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	76,882.5 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 1.0m and Sand upto a depth of 5.0m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	There is no such reduction of waste.
16	Project Cost (Rs. In Crores)	1.3 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None Within 5kms
	b. Nearest Human Habitation	Karadi Village - 0.45 kms(E)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Hunagundha.
	d. Water Bodies	Karadi Hire Halla - 80 m South Krishna River - 7.2 kms (N)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	4.522
	b. Waste Dumping Area	0.200
	c. Top Soil Storage Area/Green Belt	0.791
	d. Mineral Storage Area	--
	e. Infrastructure Area	--
	f. Road Area	--
	g. Screening Area	0.050
	h. Unexplored area	--
	i. Others Specify	--

20	Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
		Domestic	0.49 KLD
		Other	1.81 KLD
		Total	5.8 KLD
23	Storm water management plan	<ul style="list-style-type: none"> • Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season 	

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

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

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

This is a sand mining proposal in patta land. As per the combined sketch there are no other leases within the 500 meter distance from this lease area. Hence this proposal has been appraised under B2 category. The area of mining lease is 13 acres 30 guntas.

The committee noted that the patta land wherein the mining is proposed is 60 meter away from the Karadihalla. The proponent stated that the dry weather flow of the Karadahalla is 496 meter and average top level of the sand block is 506 meters and

depth of mining including top soil depth of 1.0 meter is 6.0 meter. Hence the bottom of the mined pit will be at 500 meters i.e 4.0 meter above dry weather flow of Karadihalla.

The proponent has proposed to take up mining subdividing the lease area into five sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and filling it in the mined block. The total quantity proposed to be mined over a period of five years is 2,26,125 cum or 3,84,412 tons.

The stock yard is situated in Sy.No.21 which is adjacent to the lease area and the proponent has entered into an MOU with the owner of this land. The approach road to a length of 240 meters running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners.

As seen from the approved mining plan and the land area reserved for mining and considering the depth of 5.0 meter the total quantity that can be mined comes to 2,26,125 cum or 3,84,412 tons. The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance with the following conditions:

- 1) The overall depth of mining shall not exceed 5.0 meter from the top level at any point of time during the lease period.

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

The Authority observed that this project proposal is being considered by Authority as per directions of the MoEF, GoI issued vide O.M dated 12th December 2018. As per this direction all the individual leases and clusters having total lease area of 5 to 25 Ha also have to be appraised as B1 category activity. While going through the proceedings of the SEAC, the Authority observed that the lease area of this project is 5.563 Ha. The Authority therefore opined that this proposal has to be B1 category project/activity.

The Authority after discussion decided to refer the file back to SEAC to undertake screening, scoping, public consultation and appraisal of the proposal strictly in accordance with law and in the spirit of the orders of the Hon'ble NGT dated 4-9-2018, 13-9-2018 and the O.M dated:12-12-2018 issued by MoEF & CC, Govt of India and sending recommendation deemed fit based on merit.

The proposal was placed in 219th meeting held on 27-3-2019. The proponent and Environment consultant attend the meeting to provide required information.

The committee noted that Earlier this project was appraised and recommended for issue of EC. But the SEIAA having gone through this appraisal proceedings has opined that the lease area being more than threshold limit of 5 Ha, has to be treated as B1 project including public hearing. In the meantime the proponent has surrendered certain portion of the lease area and after surrender the lease area gets reduced to 11 Acres 25 guntas which is less than the threshold limit of 5 Ha. The revised quarry plan and production plan has been issued by the DMG reducing the lease area to 11 Acres 25 guntas. The committee noted the above facts and opined that this project falls under B2 category due to reduced area and hence proceeded with the appraisal accordingly and the DMG has prepared a cluster sketch showing that there are no other leases within the 500 meter radius from this lease area.

As per the quarry plan due to reduction in the lease area and also depth of mining the revised quantity proposed is 1,99,593 tons or 1,17,000 cum for a period of three years and this can be mined safely and scientifically.

The proponent has also stated that he will earmark Rs.5.0 lakhs towards the increasing the greenery all along the nalas and nearby roads, soil conservation and also other works pertaining to environmental protection work.

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

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.

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

219.73 Proposed Building Stone Quarry Project at Sy.No.33(3) of Kuradbore Kaval Village, Hassan Taluk & District (2-00 Acres) by Smt. Sunandamma(SEIAA 146 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Smt. Sunandamma w/o Late Thimmegowda W/o Late Thimmegowda, Madapura Village, Kittane Post Kattaya Hobli, Hassan Taluk Hassan, Karnataka 573 120

2	Name & Location of the Project	Over an extent of 2.00 Acres under Sy No. 33(3),Kuradbore Kaval village, HassanTaluk, Hassan District,Karnataka.
3	Co-ordinates of the Project Site	Latitude:N 12° 53'29.7" Longitude:E 76°07'25.4"
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	0.80 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	Fresh Area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	29,640 Tonnes per Annum
14	Quantity of Topsoil/Over burden in cubic meter	8,500 Cu.m topsoil Available
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	7,800 Tonnes
16	Project Cost (Rs. In Crores)	2.92 crores
17	Environmental Sensitivity	
	a. Nearest Forest	Burdalbore State Forest - 11.38 Kms (NE)
	b. Nearest Human Habitation	Kuradbore Kaval Village - 1.15 Kms (SE)
	c. Educational Institutes, Hospital	Hassan - 13.30 Kms (N)
	d. Water Bodies	Mosale Pond -- 2.13 Kms (E)
	e. Other Specify	--

18	Applicability of General Condition of the EIA Notification, 2006			
19	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	0.560	
	b.	Waste Dumping Area	0.020	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	--	
	g.	Green Belt Area/Buffer Zone	0.220	
	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	10.2 KLD
			Domestic	1.5 KLD
			Other	1.3 KLD
			Total	13.00 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

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

The Proponent and Environment Consultant attended the 219th meeting held on 27-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the quarry lease for this proposal was notified on 3-11-2018 and the proponent has stated that he has made out an application to DEIAA and consequent to this DEAC has appraised this proposal on 16-11-2018 and recommended for issue of EC but the further process has not been carried forward. The proponent has stated that he has made out this application to SEIAA due to change in policy. As per the quarry plan there is a level difference of 4 meter within the mining area. Also it is observed that there are 4 blocks in the production and development plan and whereas there are 5 blocks in the mine closure plan for which the proponent has stated that it should have

been five blocks in the production and development plan and he said that he will get the modified quarry plan from the DMG and submit. As per the quarry plan there is a overburden soil to a depth of 0.8 meter and the proponent has stated that he will store in the buffer zone and he will utilize the same for greenery. As per the cluster sketch prepared by DMG there is one more lease within 500 meter radius from this lease but the total extent of these leases will not exceed 5 Ha.

In the light of the above facts committee opined that 80% of the proposed quantity can be mined scientifically and safely to a quarry pit depth of 12 meter. The proponent has stated that there is an existing cart track road connecting the lease area to the all weather road at 250 meters. The proponent has agreed to take up rejuvenation of nearby ponds at a cost of Rs.6.0 lakhs under CER in addition to other Environmental protection works subject to the condition that the proponent will submit the modified quarry plan and mine closure plan to the Authority.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance restricting to 80% of the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.74 Proposed Balgeri Ordinary Sand Quarry over an extent 6-33 Acres(2.761 Hectares) in Patta Land at Sy.No.222/1 & 222/2 of Balgeri Village, Yelburga Taluk, Koppal district by Sri. Shashikanth M. Patil(SEIAA 165 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Shashikanth M Patil, S/o. Mallikarjungouda, Basava Nilaya, Killa Galli,Ward No.1, Ilkal Rural, Hungund, Bagalkot District-587125
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 6-33 Acres (2.761 Hectares) in Patta Land at Sy. No. 222/1 & 222/2of Balgeri Village, Yelburga taluk, Koppal district, Karnataka

3	Co-ordinates of the Project Site	Latitude: N15° 31' 24.2" to N 15° 31'18.4" Longitude: E76°03' 43.2" to E76°03' 42.0"
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	2.761 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	5.50m
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 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	53,196.83 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 1.00m and Sand upto a depth of 5.50m
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	No waste Availbale
16	Project Cost (Rs. In Crores)	1.95 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None Within 5 kms
	b. Nearest Human Habitation	Balgere Village - 1.10 Km W
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Yelburga.
	d. Water Bodies	Balagere Halla - 180 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	5-23	
	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	1-10	
	h.	Unexplored area	--	
	i.	Others Specify	--	
20	Method of Mining/ Quarrying		Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
			Domestic	0.50 KLD
			Other	1.5 KLD
			Total	5.49KLD
23	Storm water management plan		<ul style="list-style-type: none"> • Drains will be constructed along the boundary of activity area • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season 	

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

The Proponent and Environment Consultant attended the meeting 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 sand mining in patta land and as per the combined sketch there are no other leases within the 500 meter distance from this lease area. Hence this proposal has been categorized under B2 category and proceeded with the appraisal accordingly.

The committee noted that the patta land wherein the mining is proposed is 90 meter on the right side of the Balagerinala. The proponent stated that the dry weather flow of the Balagerinalais 549 meter and average top level of the sand block is 559 meters and depth of mining proposed including top soil depth of 0.5 meter is 6.0

meters. Hence the bottom of the mined pit will be at 553 meters i.e 4.0 meter above dry weather flow of Balagerinala. As far as the depth of mining is concerned the ground water authority has certified that the ground water table is below 7 meter at the mining area and they have also stated that the mining of sand can be carried out to a depth of 6 to 8 meters. But, However the depth of mining is restricted to 3.5 meter including 0.5 meter of top soil as per the joint inspection report. However, joint inspection team has stated that the depth of mining is to a depth of 3.0 meters from the top of the sand deposit. Considering all these issues, the committee decided to restrict the mining to a depth of 3.5 meters. Now due to this reduction in the depth the quantity that can be mined gets reduced to 61,000 cum as against the proposed quantity of 1,25,170 cum.

The proponent has proposed to take up mining subdividing the lease area into four sub-blocks and taking up mining in one block each year. The top soil generated from one block will be deposited on the other unmined blocks and the mining in the other blocks after one year will be taken up after clearing the top soil deposited and filling it in the mined block. The total quantity proposed is 1,25,170 cum or 2,12,787 tons as against this committee decided to restrict the quantity that can be mined scientifically and safely to a depth of 3 meters to 61,000 cum.

The stock yard is situated in Sy.No.223 which is adjacent to the lease area and the proponent has entered into an MOU with the owner of this land. The approach road to a length of 700 meters running in the other patta land for which the proponent has stated that he has entered into an MOU with other land owners. As per the baseline data furnished the proponent has stated that no parameter is exceeding the permissible limit.

As per CER is concerned the proponent has stated that he will earmark 2.0 lakhs to increase the greenery all along the roads and nalas and also soil conservation measures and also other works pertaining to environmental protection work.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance restricting the quantity to 61,000 cum or 1,04,920 tons for a plan period of four years.

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

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.

- 3) The overall depth of mining shall not exceed 3.0 meter from the top level of the sand deposit at any point of time during the lease period.

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

219.75 Proposed Building Stone Quarry Project at Sy.No.33/2 of Kurodbore Kaval Village, Hassan Taluk & Hassan District (2-10 Acres) by Sri. T. Thimmegowda(SEIAA 166 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. T. Thimmagowda, Madapura Village, Kattaya Hobli,Hassan Taluk, Hassan District, Karnataka
2	Name & Location of the Project	Over an extent of 2-10Acres at Sy No: 33/2, Kurodbore KavalVillage,HassanTaluk, Hassan District,Karnataka
3	Co-ordinates of the Project Site	Latitude:N 12° 53' 34.4" Longitude:E 76° 07'22.5"
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	0.910 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	Fresh Area

	river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	28,602.6 Tnnes per Annum	
14	Quantity of Topsoil/Over burden in cubic meter	22,220 Cu.m of topsoil is Available	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	7,527Tonnes	
16	Project Cost (Rs. In Crores)	2.97 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Bordalbore State Forest - 9.7 kms(NE)	
	b. Nearest Human Habitation	Kuradbore Kaval -1.15 kms (SE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Hassan.	
	d. Water Bodies	Thimnahalli pond - 2.20kms(NE) Maranayakanahalli Kere -2.40	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	0.563	
	b. Waste Dumping Area	0.10	
	c. Top Soil Storage Area		
	d. Mineral Storage Area	--	
	e. Infrastructure Area		
	f. Road Area	--	
	g. Green Belt Area/ Buffer Zone	0.247	
	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	10.8 KLD
		Domestic	2.54 KLD
		Other	4.78 KLD
		Total	18.12 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 219th meeting held on 27-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the quarry lease for this proposal was notified on 3-11-2018 and the proponent has stated that he has made out an application to DEIAA and consequent to this DEAC has appraised this proposal on 16-11-2018 and recommended for issue of EC but the further process has not been carried forward. The proponent has stated that he has made out this application to SEIAA due to change in policy. As per the quarry plan there is a level difference of 6 meter within the mining area. Also it is observed that there are 3 blocks in the production and development plan and whereas there are 5 blocks in the mine closure plan for which the proponent has stated that it should have been five blocks in the production and development plan and he said that he will get the modified quarry plan from the DMG and submit. As per the quarry plan there is a overburden soil to a depth of 0.8 meter and the proponent has stated that he will store in the buffer zone and he will utilize the same for greenery. There is one more lease within the 500 meter but total exen is below 5 Ha. As per the cluster sketch prepared by DMG there is one more lease within 500 meter radius from this lease but the total extent of these leases will not exceed 5 Ha.

In the light of the above facts committee opined that the proposed quantity can be mined scientifically and safely to a quarry pit depth of 10 meter. The proponent has stated that there is an existing cart track road connecting the lease area to the all weather road at 250 meters. The proponent has agreed to take up rejuvenation of nearby ponds at a cost of Rs.6.0 lakhs under CER in addition to other Environmental protection works subject to the condition that the proponent will submit the modified quarry plan and mine closure plan to the Authority.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.76 Proposed Building Stone Quarry at Sy.Nos.214/2, 214/3 Shirahatti Village, Shirahatti Taluk, Gadag District (5-00 Acres) by M/s. Shivaganga Stone Crusher and M-Sand Industries(SEIAA 221 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Shivaganga Stone Crushing and M-Sand Industries, 1st floor, Plot no- 35, #30/41, Madura Estate, Keswapura, Hubli Taluk, Dharwad District, Karnataka-580023
2	Name & Location of the Project	Building Stone Quarry over an extent 5-00 Acres in Patta Land at Sy. No. 214/2 & 214/3 of Shirahatti Village, Shirahattitaluk, Gadag district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15°12' 47.83" Longitude: E75° 33' 23.90"
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	2.02 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	Fresh land

	quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	75,000Tons/ annum	
14	Quantity of Topsoil/Over burden in cubic meter	20,234 Cu.m of top soil	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	19,736Tons	
16	Project Cost (Rs. In Crores)	1.95 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Shettikeri Reserved Forest - 1.65 km(S)	
	b. Nearest Human Habitation	Shirahatti village- 2.55 Km (NE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Shirahatti.	
	d. Water Bodies	Shettikeri Lake - 3.05 Km (S) Magdi pond - 4.11 Km (W)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	3-25	
	b. Waste Dumping Area	0-02	
	c. Top Soil Storage Area	0-06	
	d. Mineral Storage Area		
	e. Infrastructure Area		
	f. Road Area	0-02	
	g. Green Belt Area/Buffer Zone	1-05	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water in KLD	Dust Suppression	9.8 KLD
		Domestic	0.945 KLD
		Other	1.7 KLD
		Total	12.445KLD
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 219th meeting held on 27-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this proposal has been re-notified on 8-3-2019 to an extent of 5 Acres. Earlier the area was 11 Acres for which all the NOC were obtained and was also notified earlier. However now fresh notification is only for 5 Acres surrendering 6 Acres and quarry plan and production plan are also prepared for 5 Acre area. As per the quarry plan there is a level difference of 3.5 meters within the mining area taking this fact into consideration committee opined that the proposed quantity of 1,40,000 cum for a plan period of 5 years can be mined scientifically and safely with a quarry pit depth of 12 meters. The cluster sketch prepared by DMG was also submitted and according to which there are two other quarries and combined area of three quarries including this quarry is 12 Acres 10 guntas and which is less than the threshold limit of 5 Ha.

Hence the committee categorized this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has stated that he will utilize the top soil generated in the buffer zone to raise the greenery. The proponent has also stated that as per the baseline study all the parameters are within the permissible limit. The proponent has also stated that he will earmark Rs.5 lakhs for rejuvenating of Shirahatti pond at a distance 2.1 KM and to carry out other Environmental Protection measures.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance for the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.77 Proposed Building Stone Quarry at Sy.No.219/1 at Shirahatti Village, Shirahatti Taluk, Gadag District (4-00 Acres) by Sri. S.R Ballari(SEIAA 243 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. S R Bellary, Motebennur Village, Byadagi Taluk, Haveri District.
2	Name & Location of the Project	Building Stone Quarry over an extent 4-00 Acres in Patta Land Sy No: 219/1, Shirahatti Village, Shirahatti Taluk Gadag District, Karnataka.
3	Co-ordinates of the Project Site	Latitude: N15 ⁰ 12' 58.03" Longitude: E75 ⁰ 33' 35.01"
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	1.618 Ha
9	Actual Depth of sand in the lease area in case of River sand	NA
10	Depth of Sand proposed to be removed	NA
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Fresh Area
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	40,000Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	600 Cu.m of Topsoil.

15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	10526 Tons	
16	Project Cost (Rs. In Crores)	2.54 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Reserved Forest - 2.10 km(S)	
	b. Nearest Human Habitation	Shirahatti village- 2.00 Kms(NE)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Shirahatti.	
	d. Water Bodies	Magdi pond-4.40 Km (NW) Shettikeri Lake-3.50 Km (S)	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Acres		
	a. Area for Mining/ Quarrying	2-38	
	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	0-32	
	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	10.5 KLD
		Domestic	0.585 KLD
		Other	0.2 KLD
		Total	13.085 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 219th meeting held on 27-3-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the lease for this proposal has been re-notified on 8-3-2019 to an extent of 4 Acres. Earlier the area notified was for 8 Acres for which all the NOC were obtained. However now fresh notification issued is only for 4 Acres after surrendering 4 Acres and the quarry plan and production are also prepared for 4 Acre area. As per the quarry plan there is a level difference of 8 meters within the mining area taking this fact into consideration committee opined that the proposed quantity of 75,000 cum for a plan period of 5 years can be mined scientifically and safely with a quarry pit depth of 6 meters. The cluster sketch prepared by DMG was also submitted and according to which there are two other quarries and combined area of three quarries including this quarry is 12 Acres 10 guntas and which is less than the threshold limit of 5 Ha.

Hence the committee categorized this proposal under B2 category and proceeded with the appraisal accordingly. The proponent has stated that he will utilize the top soil generated in the buffer zone to raise the greenery. The proponent has also stated that as per the baseline study all the parameters are within the permissible limit. The proponent has also stated that he will earmark Rs.5 lakhs for rejuvenating of Magadi lake at a distance 4.5 KM and to carry out other environmental protection measures.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance fore the proposed quantity and alongwith the following conditions:

1. To install truck mounted mist cannon machine in order to reduce the dust emission at the quarry site.
2. Safe drinking water has to be provided at the quarry site.
3. Dust suppression measures have to be strictly followed.
4. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

219.78 Proposed Haranagiri River Sand quarry at Tungabhadra River Bed at Sy.No.174, 175(P), HaranagiriVillage, Ranebennur Taluk, Haveri District (12.00 Acre) by M/s. Ircon Davangeri Haveri Highway Ltd(SEIAA 218 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/S IRCON DAVANAGERI HAVERI HIGHWAY LIMITED MRUTHANJAYA NAGAR 10 TH CROSS RANEBENNUR-581115

		HAVERI DISTRICT.	
2	Name & Location of the Project	Haranagiri Ordinary Sand block-02 in River Bed Haranagiri village Ranebennur Taluk, Haveri District	
3	Co-ordinates of the Project Site	Lattitude	Longitude
		N14°46'11.47"	E75°43'17.51"
		N14°46'.11.33"	E75°43'20.93"
		N14°45'55.50"	E75°43'21.17"
	N14°45'55.624"	E75°43'18.01"	
4	Type of Mineral	Ordinary Sand	
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	4.85 Ha	
9	Actual Depth of sand in the lease area in case of River sand	3mt	
10	Depth of Sand proposed to be removed	1.00mt	
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	68000TPA	
12	Quantity of Topsoil/Over burden/Pebbles in cubic meter	8000 m3 Pebbles/ Annum	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	NA	
14	Project Cost (Rs. In Crores)	1.0 Crore.	
15	Environmental Sensitivity		
	a.	Nearest Forest	Herada Reserve forest 2.2km
	b.	Nearest Human Habitation	Haranagiri-3.2km.
	c.	Educational Institutes, Hospital	Ranebennur16km.
	d.	Water Bodies	Tungabhadra River Bed.

	e.	Other Specify	Na	
16	Applicability of General Condition of the EIA Notification, 2006			
17	Details of Land Use in A-G			
	a.	Area for Mining/ Quarrying	10-00	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	0.01	
	g.	Green Belt Area	--	
	h.	Unexplored area	--	
	i.	Others Specify Safety Zone	1-39	
18	Method of Mining/ Quarrying		Semi Mechanised	
19	Water Requirement			
	a.	Source of water	Near By Agriculture Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppression	6.00
			Drinking etc	1.5
			Plantation etc	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 219th meeting held on 27-3-2019 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 sand mining in the Tungabhadra river bed and the lease for the same has been granted in the name of M/s.IRCON DavangereHaveri Highway Ltd, a PSU for utilization of the sand obtained from this lease on the works pertaining to widening of old NH-4 from Davangere to Haveri to six lane road. As per the location plan and quarry plan the sand block is of 476 meters and width 102 meters leaving 91 meter buffer on one side and 128 meter buffer on the other side. As per the quarry plan it is observed that the depth of mining proposed is one meter and the proponent has stated that he will take up mining in subsequent years after full replenishment from the mined block. The quantity proposed is 68,000 TPA and it is opined that the same can be mined safely and scientifically with a quarry pit depth of one meter. The top level of the sand deposit is 518 meter and after one meter of mining the bottom level of quarry pit will be at 517 meters which is 2 meter above dry weather flow level of the river i.e., 515 meter. The proponent has stated that the Black buck

sanctuary is more than 10 KM away from the lease area for which the proponent has stated that he will get the necessary certificate from the competent authority. As per the cluster map prepared by the DMG there are no other quarries within the 500 meter radius from this lease area. The proponent has also stated that as per baseline data no parameters are exceeding the limits. The proponent has agreed to take up rejuvenation of nearby ponds at a cost of Rs.2.0 lakhs under CER in addition to other Environmental protection works

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance for the proposed quantity and subject to the condition that he will produce a certificate issued by competent authority indicating that the distance between the lease area and Black buck sanctuary is more than 10 KM. The committee also imposed the following conditions:

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 3) The overall depth of mining shall not exceed one 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.

219.79 Proposed River Sand Quarry at Sy.Nos.137(P), 138, 140, 141, 144 & 145(P) in Belur Village, Ranebennur Taluk, Haveri District (12-00 Acres) by **M/s. Ircon Davanageri Haveri Highway Ltd(SEIAA 224 MIN 2019)**

Sl. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	M/S IRCON DAVANAGERI HAVERI HIGHWAY LIMITED MRUTHANJAYA NAGAR 10 TH CROSS RANEBENNUR-581115 HAVERI DISTRICT.	
2	Name & Location of the Project	Belur Ordinary Sand block 03 in River Bed Belur village Ranebennur Taluk Haveri District	
3	Co-ordinates of the Project Site	Latitude N14°44'22.39"	Longitude E75°42'55.02"

			N14°44'29.32"	E75°43'09.89"
			N14°44'32.58"	E75°43'09.19"
			N14°44'29.66"	E75°43'04.38"
4	Type of Mineral	Ordinary Sand		
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	4.85 Ha		
9	Actual Depth of sand in the lease area in case of River sand	3mt		
10	Depth of Sand proposed to be removed	1.00mt		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	68340TPA		
12	Quantity of Topsoil/Over burden/Pebbles in cubic meter	10000 m3 Pebbles/ Annum		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	NA		
14	Project Cost (Rs. In Crores)	1.0 Crore		
15	Environmental Sensitivity			
	a.	Nearest Forest	Herada Reserve forest 2.5km	
	b.	Nearest Human Habitation	Belur 1.9km.	
	c.	Educational Institutes, Hospital	Ranebennur16km.	
	d.	Water Bodies	Tungabhadra River Bed.	
	e.	Other Specify	Na	
16	Applicability of General Condition of the EIA Notification, 2006			
17	Details of Land Use in A-G			
	a.	Area for Mining/ Quarrying	10-02	
	b.	Waste Dumping Area	--	
	c.	Top Soil Storage Area	--	
	d.	Mineral Storage Area	--	
	e.	Infrastructure Area	--	
	f.	Road Area	0-01	
	g.	Green Belt Area	--	
	h.	Unexplored area	--	

	i.	Others Specify Safety Zone	1-37	
18		Method of Mining/ Quarrying	Semi Mechanised	
19		Water Requirement		
	a.	Source of water	Near By Agriculture Borwell.	
	b.	Total Requirement of Water in KLD	Dust Suppression	6.00
			Drinking etc	1.5
			Plantation etc	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 219th meeting held on 27-3-2019 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 sand mining in the Tungabhadra river bed and the lease for the same has been granted in the name of M/s. IRCON DavangereHaveri Highway Ltd, a PSU for utilization of the sand obtained from this lease on the works pertaining to widening of old NH-4 from Davangere to Haveri to six lane road. As per the location plan and quarry plan the sand block is of 215 meters and width 226 meters leaving 58 meter buffer on one side and 175 meter buffer on the other side. As per the quarry plan it is observed that the depth of mining proposed is one meter and the proponent has stated that he will take up mining in subsequent years after full replenishment from the mined block. The quantity proposed is 68,340 TPA and it is opined that the same can be mined safely and scientifically with a quarry pit depth of one meter. The top level of the sand deposit is 522 meter and after one meter of mining the bottom level of quarry pit will be at 521 meters which is 2 meter above dry weather flow level of the river i.e., 519 meter. The proponent has stated that the Black buck sanctuary is more than 10 KM away from the lease area for which the proponent has stated that he will get the necessary certificate from the competent authority. As per the cluster map prepared by the DMG there is another sand block of an area of 12 Acres the grant of the same is still in process. Hence effectively no other effective quarry within the 500 meter radius from this lease area. The proponent has also stated that as per baseline data no parameters are exceeding the limits. The proponent has agreed to take up rejuvenation of nearby ponds at a cost of Rs.2.0 lakhs under CER in addition to other Environmental protection works

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance for the proposed quantity and subject to the condition that he will produce a certificate issued by competent authority indicating that the distance between the lease area and Black buck sanctuary is more than 10 KM. The committee also imposed the following conditions.

- 1) In case the replenishment is lower than the approved rate of production, then the mining activity / production levels shall be decreased / stopped accordingly till the replenishment is completed.
- 2) The proponent shall stabilize the river bank with waste materials like pebbles and planting with khus grass and suitable plant species.
- 3) The overall depth of mining shall not exceed one 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.

219.80 Proposed River Sand Quarry at Sy.Nos.110,109, 108, 99 & 98 in Mudenur Village, Ranebennur Taluk, Haveri District (12-00 Acres) by M/s. Ircon Davanageri Haveri Highway Ltd(SEIAA 222 MIN 2019)

Sl. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	M/S IRCON DAVANAGERI HAVERI HIGHWAY LIMITED MRUTHANJAYA NAGAR 10 TH CROSS RANEBENNUR-581115 HAVERI DISTRICT.	
2	Name & Location of the Project	Mudenur Ordinary Sand block -02in River Bed Mudenur village Ranebennur Taluk Haveri District	
3	Co-ordinates of the Project Site	Lattitude	Longitude
		N14°28'22.39"	E75°42'55.02"
		N14°28'29.32"	E75°43'09.89"
		N14°28'32.58"	E75°43'09.19"
		N14°28'29.66"	E75°43'04.38"
		N14°28'27.65"	E75°42'59.18"
		N14°28'.25.51"	E75°42'54.60"
4	Type of Mineral	Ordinary Sand	

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	4.85 Ha
9	Actual Depth of sand in the lease area in case of River sand	3mt
10	Depth of Sand proposed to be removed	1.00mt
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	68000TPA
12	Quantity of Topsoil/Overburden/Pebbles in cubic meter	10000m3 Pebbles/Annum
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	NA
14	Project Cost (Rs. In Crores)	1.0 Crore
15	Environmental Sensitivity	
	a. Nearest Forest	Nil with in 5km.
	b. Nearest Human Habitation	Ranebennur13km.
	c. Educational Institutes, Hospital	Ranebennur13km.
	d. Water Bodies	Tungabhadra River Bed.
	e. Other Specify	NA
16	Applicability of General Condition of the EIA Notification, 2006	
17	Details of Land Use in A-G	
	a. Area for Mining/ Quarrying	10-00
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	---
	d. Mineral Storage Area	--
	e. Infrastructure Area	--
	f. Road Area	0-01
	g. Green Belt Area	--
	h. Unexplored area	--
	i. Others Specify Safety Zone	1-39
18	Method of Mining/ Quarrying	Semi Mechanised
19	Water Requirement	
	a. Source of water	Near By Agriculture Borwell.

	b.	Total Requirement of Water in KLD	Dust Suppression	6.00
			Drinking etc	1.5
			Plantation etc	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 219th meeting held on 27-3-2019 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 meeting, the proponent has stated that he will wait for outcome of case pending at Hon'ble Supreme Court about the threshold limit of categorizing projects from B1 to B2 and come up for appraisal after the judgement is delivered.

Hence the committee decided to defer the subject.

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

219.81 Proposed Building Stone Quarry Project at Sy.No.178/1(P) of Palli Village, Karkala Taluk & Udupi District (1-00 Acres) By Sri Niranjan Hegde (SEIAA 31 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri.Niranjan Hegde, Vanadurga Krupa, Manjarbettu Yadthadi post, Karkala Taluk, Udupi Dist, Karnataka.		
2	Name & Location of the Project	Palli Building stone quarry. palli Village Karkala Taluk, Udupi District.		
3	Co-ordinates of the Project Site	Corner Pillar No.	Latitude	Longitude
		A	N 13 ⁰ 13'54.1"	E 74 ⁰ 53'18.5"
		B	N 13 ⁰ 13' 53.0"	E 74 ⁰ 53'14.6"
		C	N 13 ⁰ 13'54.2"	E 74 ⁰ 53'14.5"
		D	N 13 ⁰ 13'55.0"	E 74 ⁰ 53'18.6"

4	Type of Mineral	Building Stone.
5	New / Expansion / Modification / Renewal	New.
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Govt Land.
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	0.4 Ha
9	Actual Depth of building stone in the lease area /Patta Land building stone	Depth of building stone in govt land - 15mt(from top level).
10	Depth of building stone proposed to be removed	Depth of building stone proposed-10mt
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	22844 TPA
12	Quantity of Topsoil/Over burden in cubic meter	Waste-1202 TPA
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil
14	Project Cost (Rs. In Crores)	10 Lakh
15	Environmental Sensitivity	
	a.	Nearest Forest Near Pilarkan Village -5.5km
	b.	Nearest Human Habitation Palli-2.2km
	c.	Educational Institutes, Hospital Karkala-12km
	d.	Water Bodies Suda Hole-3.3km
	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 0-22
	b.	Waste Dumping Area --
	c.	Top Soil Storage Area --
	d.	Mineral Storage Area --
	e.	Infrastructure Area --
	f.	Road Area 0-01
	g.	Green Belt Area --

	h.	Others Specify Safety Zone	0-17	
		Total	1.00 Acre (0.40 Ha)	
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	6.0
			Domestic	0.5
			Other	1.0
			Total	7.5
20	Storm water management plan		--	

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

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


The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that the mining area after leaving 7.5 meter buffer zone all round comes to 23 guntas. The level difference within the mining area is 11 meters. Taking these factors into consideration only 80% of the proposed of 1,14,220 tons for a plan period of five years can be mined scientifically and safely.

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

1. Safe drinking water has to be provided at the quarry site.
2. Dust suppression measures have to be strictly followed.
3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

The meeting concluded with thanks to the Chair.


 Chairman, SEAC
 Karnataka.