# Proceedings of the 226th SEAC Meeting held on 10th & 11th July 2019

## Members present in the meeting:

Shri. N. Naganna Chairman Dr. B. Chikkappaiah, IFS(R) Member. Dr. N. Krishnamurthy Member Shri G.T Chandrashekarappa Member Dr. K.B Umesh Member Shri M. Srinivasa Member Shri J.G Kaveriappa Member Dr. Vinod Kumar C.S Member Shri D. Raju Member Shri. Vyshak V. Anand 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 by the project proponent pertaining to all the subjects to be appraised in the 226th 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.

Confirmation of the proceedings of  $225^{rd}$  SEAC meeting held on  $25^{th}$ , 26,  $27^{th}$  &  $28^{th}$  June 2019.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 225<sup>rd</sup> SEAC meeting held on 25<sup>th</sup> 26<sup>th</sup>,27<sup>th</sup> and 28<sup>th</sup> June 2019 and confirmed the same.

### 10th July 2019

### Fresh Subjects:

ST. Sc.O SEIAA

226.1 Proposed "Building Stone Quarry" over an extent of 2.79 Acres at Part of Sy.No.18/5, Ucchangidurga Village, Harappanahalli Taluk, Davangere District by Shree Devabhoomi Stone Crusher(SEIAA 317 MIN 2019)

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NTO	PARTICULARS	INFORMATION
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		M/a Chana Davahhaami Chana Carahan
	Name & Address of the Project	M/s Shree Devabhoomi Stone Crusher Sri. B.M. Channesh
1	Proponent	S/o B M Nanjaiah, Malebenur Village,
	Troponent	Harihara Taluk, Davanagere District.
		"Building Stone Quarry" of
		M/s Shree Devabhoomi Stone Crusher
0	Name to Location of the Project	Sy No: 18/5, Ucchangidurga Village,
2	Name & Location of the Project	Harappanahalli Taluk,
		Davanagere District.
		Karnataka.
3	Co-ordinates of the Project Site	Latitude:14°34'19.6"N
	The state of the stage of the s	Longitude:76°02'28.8"E
4	Type of Mineral	"Building Stone Quarry"
	NI / II / N. 1101 /	New
5	New / Expansion / Modification	
	/ Renewal	
	Type of Land [ Forest,	Patta Land
6	Government Revenue, Gomal,	
	Private/Patta, Other]	
7	Whether the project site fall	No
	within ESZ/ESA	
8	Area in Ha	1.129 Ha
	Actual Depth of sand in the lease	NA
9	area in case of River sand	•
10	Depth of Sand proposed to be	NA
TO	removed	
	Rate of replenishment in case of	"Building Stone Quarry"
11	river sand mining as specified in	
	the sustainable sand mining	
	guideline 2016  Measurements of the existing	Fresh land
	quarry pits in case of	Tresh fand
12	ongoing/expansion/modification	
	of mining proposals other than	
	river sand	
10	Annual Production Proposed	1,06,646 Tons per annum
13	(Metric Tons/ CUM) / Annum	
14	Quantity of Topsoil/Over burden	2,176 Cu,m of soil produced in the area
	in cubic meter	
15	Mineral Waste Handled (Metric	2,176Tons per annum
	Tons/ CUM)/ Annum	1 (17
16	Project Cost (Rs. In Crores)	4.67 crores



17	En	Environmental Sensitivity		
	a.	Nearest Forest	None within	5 kms
	b.	Nearest Human Habitation	Ucchangidurg	ga - 1.5 kms(SW)
	c.	Educational Institutes, Hospital		-16 kms (SW)
	d.	Water Bodies		ere Lake- 7.20 Kms (SW) e- 10.12 Kms (NW)
	e.	Other Specify	dereted	
18	Co	plicability of General ndition of the EIA tification, 2006		
19	De	tails of Land Use in Acres		
	a.	Area for Mining/ Quarrying	2.04	
	b.	Waste Dumping Area	0.05	9
<del>,</del>	d.	Mineral Storage Area	0.10	
	e.	Infrastructure Area	0.05	
	f.	Road Area	0.05	
	g.	Green Belt Area/Buffer Zone	0.50	
	h.	Unexplored area		
	i.	Others Specify		·
20	N	Iethod of Mining/ Quarrying	Semi Mechani	ised Method Open quarrying
21	-	Rate of Replenishment in case River sand project	NA	
22	Wa	ter Requirement		
	a.	Source of water		er : Borewell from the village sion: River Water
			Dust Suppression	10.4KLD
	b.	Total Requirement of Water	Domestic	1.0KLD
İ		in KLD	Other	0.6 KLD
			Total	12.0 KLD
23	Champanatan		Drains will be	constructed along the
23	JW	rm water management plan	boundary of a	ctivity area
24		y other information specific he project (Specify)	NA	

The Proponent and Environment Consultant attended the  $226^{th}$  meeting held on 10-7-2019 to provide clarification/additional information.

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



noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and has applied for land conversion and is delayed due to transfer of this taluk to Bellary District. The lease has been notified on 18-12-2018.

As seen from the quarry plan there is a level difference of 4 meters within the mining area and taking this into consideration the committee opined that 60% of the proposed quantity of 2,00,000 cum or 5,43,000 tons can be mined safely and scientifically to a quarry pit depth of 15 meters.

As per the extended cluster sketch approved by DMG there are four number of leases including this lease within 500 meter radius, the total area of which is 7.54 Acres which is being less than 5 Hectares, the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 440 meters connecting lease area to all weather road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.7.5 lakhs to take up rejuvenation of Bevinahalli kere which is at a distance of 220 meters from the lease area.

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

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

226.2 Proposed "Building Stone Quarry" over an area of 5.0 Acres at Sy.No.691/2 in Narayanadevarakere Village, Hagaribommanahalli Taluk, Ballari District by Smt. Vijayalakshmi(SEIAA 318 MIN 2019)

SI	PARTICULARS	INFORMATION

1	Name & Address of the Project	Smt. Vijayalakshmi			
	Proponent	W/o. Late K.L.Nithyananda,			
		#1356, 38thward, Vivekananada Nagar,			
		Behind RTO Office, Hospet			
		Bellary Dist - 583201			
2	Name & Location of the Duriest	Karnataka.			
2	Name & Location of the Project	Building Stone Quarry of Smt.Vijayalakshmi			
		Over an extent of 5.0 Acres located in Survey			
		No.691/2 of Narayanadevarakere Village,			
		Hagaribommanahalli Taluk, Ballari District,			
		Karnataka.			
3	Co-ordinates of the Project Site	Latitude : N 15°10′46.78884″ to N			
		15010'50.94211"			
		Longitude: E 76°20′04.94835″ to E 76°20′13.06246″			
4	Type of Mineral	Building Stone Quarry			
_	New / Expansion /				
5	Modification / Renewal	New Quarry			
<del></del>					
	Type of Land [Forest,				
6	Government Revenue, Gomal,	Govt.Revenue Land			
	Private/Patta, Other]				
P=7	Whether the project site fall				
7	within ESZ/ESÁ	No			
8	Area in Ha	2.02			
_	Actual Depth of sand in the				
9	lease area in case of River sand	-			
	Depth of Sand proposed to be				
10	removed				
	Annual Production Proposed	200,044 tons per Annum			
11	(Metric Tons/ CUM) / Annum				
12	Quantity of Topsoil/Over				
	burden in cubic meter	, m			
	Mineral Waste Handled				
13	(Metric Tons/ CUM)/ Annum				
14	Project Cost (Rs. In Crores)	0.17			
15					
		The Ramgad reserved forest, Sandur Range forest			
		is located towards Eastern side and it is at a			
	a. Nearest Forest	distance of 6.00 kms. Nandibanda reserved forest			
***		is also situated in buffer zone area which is at a			
{		distance of 6.00 kms towards South.			
Ì	b. Nearest Human Habitation	Mariyammanahalli -3.0 km			
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	C.	Educational Institutes, Hospital	Primary Schools are located at Ayinahalli village. The major hospitals, colleges, places of worship community facilities etc., are located at Hospet town which is at a distance of 17 kms by road from the lease area.  The Tunghabhadra reservoir/dam (backwater) is	
	d.	Water Bodies	located at a	distance of 1.50 kms. whereas a dam is at a distance of 9.00 kms.
	e.	Other Specify	And the state of t	
		plicability of General		
16		ndition of the EIA	No	
		rtification, 2006		
17	De	tails of Land Use in Ha	·	
	a.	Area for Mining/ Quarrying	1.55	
	b.	Waste Dumping Area	-	
	C.	Top Soil Storage Area	-	
<u> </u>	d.	Mineral Storage Area	acr	
	e.	Infrastructure Area	-	
	f.	Road Area	**	
	g.	Green Belt Area	0.47	
	h.	Unexplored area	-	
	i.	Others Specify		
18		ethod of Mining/ Quarrying	Open cast	
19		nter Requirement		
	a.	Source of water		omestic Purpose
			Dust	20
		Total Requirement of Water	Suppuration	
	b.	in KLD	Domestic	1
			Other	2
			Total	23
20	Sto	rm water management plan	eser	

The Proponent and Environment Consultant attended the 226th meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a existing lease which was granted during the year 2006. The proponent has stated that he has carried out mining from 2006-2012 and discontinued mining from 2012 till this date. In support of this the proponent submitted an audit report certified by DMG. The proponent has stated that he has obtained NOCs from



Forest and Revenue Department. He has also stated that the lease area is located at 1.75 KM from the backwaters of Tungabhadra Dam.

As seen from the quarry plan there is a level difference of 13 meters within the mining area and taking this into consideration the committee opined that the proposed quantity of 2,83,550 cum or 7,37,230 tons can be mined safely and scientifically to a quarry pit depth of 15 meters.

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

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 1.1 KM connecting lease area to all weather road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.7.5 lakes to take up rejuvenation of Ayinahalli pond which is at a distance of 1.0 KM from the lease area.

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

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

226.3 Proposed 'Building Stone Quarry' over an area of 1.99 Acres at Sy.No.39/1 & 39/2 in Chattnahalli Village, Harapannahalli Taluk and Davangere District by M/s. S.M.P Stone Crusher (SEIAA 319 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. H.Marulasiddesh Paniyapura Village, Harapanahalli Taluk, Ballari Dist – 577004 Karnataka.

2	Name & Location of the Project	Building Stone Quarry of Sri. H. Marulasiddesh
		Over an extent of 1 Acre - 99 cents. located in
		Survey No. 39/1 & 39/2 in Chattanahalli Village,
		Harapanahalli Taluk, Davanagere District, and
		Karnataka
3	Co-ordinates of the Project Site	Latitude : N 14º32'09.2" to N 14º32'11.8"
		Longitude: E 76001'02.8" to E 76001'06.9"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	New Quarry
6	Type of Land [ Forest, Government Revenue, Gomal,	Patta Land
	Private/Patta, Other]	
7	Whether the project site fall	N.T.
7	within ESZ/ESA	No
8	Area in Ha	0.80
9	Actual Depth of sand in the lease area in case of River sand	_
	Depth of Sand proposed to be	
10	removed	-
11	Annual Production Proposed	47350 tons per Annum
12	(Metric Tons/ CUM) / Annum	
12	Quantity of Topsoil/Over burden in cubic meter	-
13	Mineral Waste Handled (Metric	
	Tons/ CUM)/ Annum	
14	Project Cost (Rs. In Crores)	0.183
15	Environmental Sensitivity	
	a. Nearest Forest	The Uchangidurga Reserve Forest is connected towards North direction 3.4km from the lease area.
	b. Nearest Human Habitation	Chattnahalli -6.0 km
	c. Educational Institutes,	Primary Schools are located at Chattanahalli Town.
	Hospital	The hospitals, colleges, places of worship
	_	community facilities etc., are located at
		Chattanahalli town which is at a distance of 6.0kms
		from the lease area. Ucchangidurga temple is at a
		distance of 4.50kms away from the lease area.
	J. JAZ-ton D. Jina	A small rain water collection pond is located at the
	d. Water Bodies	distance of 0.5 km towards SSE from the lease area.
<u> </u>		The Chikka/ Megalageri Tank is situated towards



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			West and it is	at a distance of 3.0 kms.
	e.	Other Specify	-	
	Ap	plicability of General		
16	Co	ndition of the EIA	No	
	No	tification, 2006		
17	De	tails of Land Use in Ha	**************************************	
	a.	Area for Mining/ Quarrying	0.54	,
	b.	Waste Dumping Area	-	
	c.	Top Soil Storage Area	_	
	d.	Mineral Storage Area	0.008	
	e.	Infrastructure Area	0.008	4
	f.	Road Area	0.004	
	g.	Green Belt Area	0.24	
	h.	Unexplored area	-	
	i.	Others Specify	-	
18	Me	thod of Mining/ Quarrying	Open cast - Se	emi mechanised
19	Wa	iter Requirement		
	a.	Source of water	Drinking & D	omestic Purpose
			Dust	20
		Total Requirement of Mater	Suppuration	
	b.	Total Requirement of Water in KLD	Domestic	1
		III KLD	Other	2
			Total	23
20	Sto	rm water management plan	-	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and has applied for land conversion and is delayed due to transfer of this taluk to Bellary District. The lease has been notified on 29-08-2018.

As seen from the quarry plan there is a level difference of 6.0 meters within the mining area and taking this into consideration the committee opined that 80% of the proposed quantity of 69,549 cum or 1,80,829 tons can be mined safely and scientifically to a quarry pit depth of 10 meters.

As per the extended cluster sketch approved by DMG there are six number of leases including this lease within the 500 meter radius the total area of which is 4.44 Ha which is being less than 5 Hectares the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 600 meters connecting lease area to all weather road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.3.5 lakhs to take up rejuvenation of Phaniyapura which is at a distance of 650 meters from the lease area

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

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

226.4 Proposed "Building Stone Quarry" over an area of 4.0 Acres at Sy.No.399/E5 in Ucchangidurga village, Harapanahalli Taluk, Davangere District by M/s. S.M.P Stone Crusher (SEIAA 320 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project	M/s. S. M. P. Stone crusher
	Proponent	Sri. H. Marulasiddesh
		Paniyapur Village, Harapanahalli Taluk
		Davanagere District, Karnataka.
2	Name & Location of the Project	Building Stone Quarry of M/s. S.M.P. Stone Crush
		over an extent of 4.00 acres. located in Survey No. 399/E5 in Ucchangidurga Village, Harapanahalli Taluk, Davanagere District, and Karnataka.
3	Co-ordinates of the Project Site	Latitude : N14º32'24.6" to N14º32'30.7" Longitude : E 76º01'51.7" to E 76º01'55.3"



(	1 y	pe of Mineral	Building Stone Quarry
5		w / Expansion / Modification Renewal	New Quarry
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]		Patta Land
7		nether the project site fall thin ESZ/ESA	No
8	Ar	ea in Ha	1.62
9		tual Depth of sand in the lease a in case of River sand	<b>a</b>
10		pth of Sand proposed to be noved	
11	(M	nual Production Proposed etric Tons/ CUM) / Annum	100802 tons per Annum
12		antity of Topsoil/Over burden cubic meter	-
13		neral Waste Handled (Metric ns/ CUM)/ Annum	-
14		oject Cost (Rs. In Crores)	0.28
15	Env	vironmental Sensitivity	
	a.	Nearest Forest	The Ucchangidurga Reserve Forest area is located at a distance of 3.0km towards North West direction from the lease area.
	b.	Nearest Human Habitation	Harapanahalli –30 km
	c.	Educational Institutes,	Primary Schools are located at Harapanahalli
		Hospital	Town. The hospitals, colleges, places of worship
		•	community facilities etc., are located at
			Harapanahalli town which is at a distance of
			30kms from the lease area. Ucchangidurga Temple
			at the top of hill in ucchangidurga village is
			located at a distance of 3.4kms.
			The rain water during the monsoon season drains
	d.	Water Bodies	towards East and join into the Kallahalli tank
			which is at a distance of 2.00 kms There are few
-		04 0 16	village ponds are located in Buffer zone.
	e.	Other Specify	
		plicability of General	No
	Notification, 2006		110
······································		tails of Land Use in Ha	

	a.	Area for Mining/ Quarrying	1.21		
	b.	Waste Dumping Area	0.08	0.08	
	c.	Top Soil Storage Area			
	d.	Mineral Storage Area	0.008		
	e.	Infrastructure Area	0.008		
	f.	Road Area	0.004		
	g.	Green Belt Area	0.303		
	h.	Unexplored area	-		
	i.	Others Specify			
18	8 Method of Mining/ Quarrying		Open cast - Se	emi mechanised	
19	Wa	ter Requirement			
	a.	Source of water	Drinking & D	omestic Purpose	
			Dust	20	
		Total Paguinament of Water	Suppuration		
	Ъ.	Total Requirement of Water in KLD	Domestic	1	
			Other	2	
			Total	23	
20	Sto	rm water management plan	-		

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept and has applied for land conversion and is delayed due to transfer of this taluk to Bellary District. The lease has been notified on 28-2-2019.

As seen from the quarry plan there is a level difference 23.3 meters within the mining area and taking this into consideration the committee opined that the proposed quantity of 1,72,096 cum or 4,47,452 tons for a plan period of five years can be mined safely and scientifically to a quarry pit depth of 5 meters. Also from the quarry plan it is seen that certain portion in the mining area has already been opened for mining, for which the proponent has stated that unauthorized mining was carried out before grant of license and as per the pit dimension the quantity mined comes to nearly 6,700 cum. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As per the extended cluster sketch approved by DMG there are two number of leases including this lease within the 500 meter radius, the area of which is 2.43 Ha which is being less than 5 Hectares, the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 2.2 KM connecting lease area to all weather road.

As far as CER is concerned, the proponent has stated, that he will earmark Rs.7.5 lakhs to take up rejuvenation of Kardidurga tank which is at a distance of 1.2 KM.

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

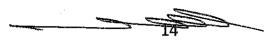
- 1. Safe drinking water has to be provided at the quarry site.
- 2. Dust suppression measures have to be strictly followed.
- 3. The drilling machines employed shall be fitted with dust extraction unit while taking up quarrying activity.

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

226.5 Proposed "Building Stone Quarry" over an extent of 1-00 Acres under (Patta land) in Sy.No.117/1, Sherewad Village, Hubli Taluk, Dharwad District by Sri. Abhijeet H Sadanand (SEIAA 321 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Abhijeet H Sadanand, S/o Sadanand, #64, Swarna, Gokul Road, 1St Main, Padmaraj Nagar, Hubli, Dharwad, Udyamnagar, Karnataka-580030.
2	Name & Location of the Project	"Building Stone Quarry" of Sri. Abhijeet H Sadanand Sy No. 117/1, Sherewad Village, Hubballi Taluk, Dharwad District, Karnataka
3	Co-ordinates of the Project Site	Latitude:N 15° 15' 44.79" Longitude:E 75° 09'40.94"
4	Type of Mineral	Building Stone Quarry

5	New / Expansion / Modification / Renewal	Renewal(QL No. 816)	
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land	
7	Whether the project site fall within ESZ/ESA	No	
. 8	Area in Ha	0.404 Ha	
9	Actual Depth of sand in the lease area in case of River sand	NA	
10	Depth of Sand proposed to be removed	NA	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	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	599.10m Existing pit level	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	30,000Tons per annum	
14	Quantity of Topsoil/Over burden in cubic meter	1260 Cu.m of topsoil.	
15	Mineral Waste Handled (Metric Tons/ CUM)	1,579Tons per annum	
16	Project Cost (Rs. In Crores)	2.5crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Mavanur Reserve Forest -5.40 Kms (W)	
	b. Nearest Human Habitation	Sherewad village - 0.70 kms (S)	
	c. Educational Institutes, Hospital	Hubli- 9.30 Kms (N)	
	d. Water Bodies	Chabbi Lake - 2.60 kms (S)	
	e. Other Specify		
4.0	Applicability of General		
18	Condition of the EIA		
19	Notification, 2006  Details of Land Use in Acres		
12	a. Area for Mining/ Quarrying	0-25	
	b. Waste Dumping Area	0-01	
<u> </u>	D.   Waste Duniping Area	O-OT	



	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	0-10	
	h.	Unexplored area		
	i.	Others Specify	ss av	
20	N	Method of Mining/ Quarrying	Semi Mechani	sed Method Open quarrying
21		Rate of Replenishment in	NA	
Z1		case River sand project		
22	Wa	ater Requirement		
	a.	Source of water	Drinking wate	er : Borewell from the village
	a.	Source of water	Dust Suppress	sion: River Water
			Dust	9.0 KLD
		Total Pagringment of Maton	Suppression	
	b.	Total Requirement of Water in KLD	Domestic	1.2 KLD
		III KLD	Other	2.5 KLD
			Total	12.7 KLD
23	Ct	num titatan managamant mlan	Drains will be	constructed along the
43	Storm water management plan		boundary of a	ctivity area
24	An	y other information specific	NA	
∠4	to t	the project (Specify)		

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that, this is a existing lease which was granted during the year 2010. As seen from the records the proponent has mined upto 2016-17 which amounts to violation for which the proponent has stated that he will come back with the proper explanation.

Hence the committee after discussion decided to defer the proposal.

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

226.6 Proposed Bagali Building Stone Quarry over an extent of 1.00 Acres cents at Part of Sy.No.223/13, Bagali Village, Harapanahalli Taluk & Davangere District by Sri. H. Anjanappa (SEIAA 323 MIN 2019)

SI. PARTICULARS INFORMATION	-
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Corner Point   Latitude   Longitude   1   N14° 49° 01.4"   E75° 59° 23.9"   2   N14° 49° 01.4"   E75° 59° 23.9"   3   N14° 48° 59.9"   E75° 59° 21.4"   4   N14° 48° 59.2"   E75° 59° 21.4"   4   N14° 48° 59.2"   E75° 59° 23.4"   4   N14° 48° 59.2"   E75° 59° 23.4"   5   New / Expansion / Modification / Renewal   New.   Government Revenue Land.   New.   Sevenue, Gomal, Private/Patta, Other]   Government Revenue Land.   No within ESZ/ESA   No	1 2	Pro	ame & Address of the Project oponent  ame & Location of the Project	Sri. H. Anjinappa, S/o. B. Hanumanthappaappa Gudekatekeri Village, 12th Ward, Hadagali Road, Harapanahalli Taluk, Davanagere Dist., Bagali Village, Harapanahalli Taluk, Davanagere Dist.,		
1				Karnataka State		
Co-ordinates of the Project Site    2						
3 N14° 48′ 59.9″ E75° 59′ 21.4″ 4 Nya° 48′ 59.2″ E75° 59′ 23.4″  4 Type of Mineral  5 New / Expansion / Modification / Renewal  6 Renewal  7 Whether the project site fall within ESZ/ESA  8 Area in Ha  Actual Depth of sand in the lease area in case of River sand/Patta Land Sand  10 Depth of Sand proposed to be removed  11 Annual Production Proposed (Metric Tons/ CUM) / Annum  12 Quantity of Topsoil/Over burden in cubic meter  13 Mineral Waste Handled (Metric Tons/ CUM) / Annum  14 Project Cost (Rs. In Crores)  15 Environmental Sensitivity  a. Nearest Human Habitation  b. Nearest Human Habitation  c. Educational Institutes, Hospital  d. Water Bodies  15 Row / Expansion / Modification New.  Building stone.  8 Depth of Sand Forest, Government Revenue Land.  8 New.  6 Row / Expansion / Modification New.  8 Overnment Revenue Land.  No withing stone.  8 Power.  8 Power.  9 Overnment Revenue Land.  8 No Wew.  10 No Withing Stone.  10 No Withing stone.  11 New.  12 Overnment Revenue Land.  13 No Withing Stone.  14 New.  15 Environmental Patta Out of County Annum  16 Project Cost (Rs. In Crores)  17 Out of Topsoil Over burden of County Annum  18 Project Cost (Rs. In Crores)  19 Lath  10 Autor Ag' 59.2″ A' Withing Stone.  10 Autor All Yell Stone	3	Co	-ordinates of the Project Site			
4 N14° 48' 59.2" E75° 59' 23.4"  4 Type of Mineral Building stone.  5 New / Expansion / Modification / Renewal  6 Type of Land [ Forest, Government Revenue Land.  7 Whether the project site fall within ESZ/ESA  8 Area in Ha 0.4047 Ha  Actual Depth of sand in the lease area in case of River sand/Patta Land Sand  10 Depth of Sand proposed to be removed  11 Annual Production Proposed (Metric Tons/ CUM) / Annum  12 Quantity of Topsoil/Over burden in cubic meter  13 Mineral Waste Handled (Metric Tons/ CUM) / Annum  14 Project Cost (Rs. In Crores) 50 Lakh  15 Environmental Sensitivity  a. Nearest Forest Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  b. Nearest Human Habitation C. Educational Institutes, Hospital  d. Water Bodies  15 Type of Mineral Waste Hankled (Metric Tons/ CVM) / Annum Habitation Bagali village ~2.72 Kms away from the lease. Harapanahalli-3.1 km			-ordinates of the Project Site			
Type of Mineral   Building stone.						
7 Renewal 6 Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] 7 Whether the project site fall within ESZ/ESA 8 Area in Ha 8 Actual Depth of sand in the lease area in case of River sand/Patta Land Sand 10 Depth of Sand proposed to be removed 11 Annual Production Proposed (Metric Tons/ CUM) / Annum 12 Quantity of Topsoil/Over burden in cubic meter 13 Mineral Waste Handled (Metric Tons/ CUM) / Annum 14 Project Cost (Rs. In Crores) 15 Environmental Sensitivity 16 Nearest Human Habitation c. Educational Institutes, Hospital 17 Hospital 18 Water Bodies 18 Covernment Revenue Land. 19 Government Revenue Land. 10 Government Revenue Land. 10 No 10 Valuation (No 10 Va	4	Ty	pe of Mineral		1111 10 0712	
Revenue, Gomal, Private/Patta, Other]  Whether the project site fall within ESZ/ESA  Area in Ha  Actual Depth of sand in the lease area in case of River sand/Patta Land Sand  Depth of Sand proposed to be removed  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  Nearest Human Habitation  Educational Institutes, Hospital  d. Water Bodies  NA  NA  10  10  10  10  11  Annual Production Proposed (Metric Tons/ CUM) / Annum  NA  11  Annual Production Proposed (Metric Tons/ CUM) / Annum  NA  12  405 tons/annum  Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  Bagali village ~2.72 Kms away from the lease.  Harapanahalli-3.1 km  The nearest tank is Singaratota Tank which is located at the distance 800 meters.	5			New.	,	
within ESZ/ESA  Ray Area in Ha  Actual Depth of sand in the lease area in case of River sand/Patta Land Sand  Depth of Sand proposed to be removed  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity  Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  Bagali village ~2.72 Kms away from the lease.  C. Hospital  d. Water Bodies  The nearest tank is Singaratota Tank which is located at the distance 800 meters.	6			Government Rever	nue Land.	
Actual Depth of sand in the lease area in case of River sand/Patta Land Sand  Depth of Sand proposed to be removed  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity  a. Nearest Forest  NA  Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  b. Nearest Human Habitation  C. Educational Institutes, Harapanahalli-3.1 km  The nearest tank is Singaratota Tank which is located at the distance 800 meters.	7		<b>-</b> - 7	No		
9 area in case of River sand/Patta Land Sand  10 Depth of Sand proposed to be removed  11 Annual Production Proposed (Metric Tons/ CUM) / Annum  12 Quantity of Topsoil/Over burden in cubic meter  13 Mineral Waste Handled (Metric Tons/ CUM) / Annum  14 Project Cost (Rs. In Crores)  15 Environmental Sensitivity  a. Nearest Forest Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  b. Nearest Human Habitation  c. Educational Institutes, Hospital  d. Water Bodies  The nearest tank is Singaratota Tank which is located at the distance 800 meters.	8	Arc	ea in Ha	0.4047 Ha		-
removed  11  Annual Production Proposed (Metric Tons/ CUM) / Annum  12  Quantity of Topsoil/Over burden in cubic meter  13  Mineral Waste Handled (Metric Tons/ CUM) / Annum  14  Project Cost (Rs. In Crores) 50 Lakh  15  Environmental Sensitivity  a.  Nearest Forest Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  b.  Nearest Human Habitation Bagali village ~2.72 Kms away from the lease.  C.  Educational Institutes, Hospital  d. Water Bodies  The nearest tank is Singaratota Tank which is located at the distance 800 meters.	9	are	a in case of River sand/Patta	NA		
Metric Tons/ CUM) / Annum   Quantity of Topsoil/Over burden in cubic meter   NA	10			NA		
in cubic meter  Mineral Waste Handled (Metric Tons/ CUM)/ Annum  Project Cost (Rs. In Crores) 50 Lakh  Environmental Sensitivity  a. Nearest Forest Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  b. Nearest Human Habitation Bagali village ~2.72 Kms away from the lease.  C. Educational Institutes, Harapanahalli-3.1 km  The nearest tank is Singaratota Tank which is located at the distance 800 meters.	11		±	10,115 TPA		
Tons/ CUM)/ Annum  14 Project Cost (Rs. In Crores) 50 Lakh  15 Environmental Sensitivity  a. Nearest Forest Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  b. Nearest Human Habitation Bagali village ~2.72 Kms away from the lease.  C. Educational Institutes, Harapanahalli-3.1 km  d. Water Bodies The nearest tank is Singaratota Tank which is located at the distance 800 meters.	12	_	ž .	NA		
15 Environmental Sensitivity  a. Nearest Forest Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  b. Nearest Human Habitation Bagali village ~2.72 Kms away from the lease.  c. Educational Institutes, Harapanahalli-3.1 km  The nearest tank is Singaratota Tank which is located at the distance 800 meters.	13	1	<del>-</del>	405 tons/annum	n.	
a. Nearest Forest  Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  b. Nearest Human Habitation  Educational Institutes, Hospital  d. Water Bodies  Applied QL is approx. 3.6 km away from Reserved Forest area. (Kongana Hosur)  Bagali village ~2.72 Kms away from the lease. Harapanahalli-3.1 km  The nearest tank is Singaratota Tank which is located at the distance 800 meters.				50 Lakh		
a. Nearest Forest  Bagali village ~2.72 Kms away from the lease.  C. Educational Institutes, Hospital  C. Water Bodies  Reserved Forest area. (Kongana Hosur)  Bagali village ~2.72 Kms away from the lease.  Harapanahalli-3.1 km  The nearest tank is Singaratota Tank which is located at the distance 800 meters.	15	En	vironmental Sensitivity			
c. Educational Institutes, Harapanahalli-3.1 km  d. Water Bodies  Harapanahalli-3.1 km  The nearest tank is Singaratota Tank which is located at the distance 800 meters.		a.	Nearest Forest			
d. Water Bodies  The nearest tank is Singaratota Tank which is located at the distance 800 meters.		b. Nearest Human Habitation			<del></del>	from the lease.
d. Water Bodies located at the distance 800 meters.		Educational Institutes, Harapanahalli-3.1 km			3.1 km	
		d.	Water Bodies	<b>}</b>	Ü	
		e.	Other Specify	Nil	terre en la color en la color de comune en color de contra en la color de comune en el comune en color de comune	



	Ap	plicability of General	NA	
16	Co	ndition of the EIA		-
	No	tification, 2006		
17	Det	tails of Land Use in A-G		
	a.	Area for Mining/ Quarrying	0-24	
	b.	Top Soil Storage Area	<b></b>	
	C.	Mineral Storage Area	0-02	
	d.	Waste Dumping Area		
	e.	Infrastructure Area	0-01	
	f.	Road Area		
	g.	Safety Zone/Green Belt Area	0-13	
	h.	Unexplored area	eistr end	
	i.	Others	lat to	
18	M	lethod of Mining/ Quarrying	Semi Mechanis	sed Quarrying
19	Wa	ter Requirement		-
	a.	Source of water	Near By agricu	lture Borwell.
			Dust	5.0
		Total Paguinament of Maton	Suppression	
	b.	Total Requirement of Water in KLD	Domestic	1.0
		III KLID	for plantation	1.5
			Total	7.5
20	Sto	rın water management plan		

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that, this is a existing lease which was granted during the year 2010. The proponent has stated that he has carried out mining from 2010-2015 and discontinued mining from 2015 till this date. But the audit reports produced by the proponent for the year 2015-16 and 2016-17 do not bear any official signature for which the proponent has stated that he will come back after getting it certified by the DMG.

In the absence of above, the committee opined that in the aabsence of audit reports it cannot be ascertained weather this proposal is in accordance with NGT order dated: 13-1-2015.

Hence the committee after discussion decided to defer the proposal.

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

Care -

226.7 Proposed Bagali Building Stone Quarry over an extent of 1.00 Acres at part of Sy.No.223/13(P), Bagali Village, Harapanahalli Taluk, Davangere Dist by Sri. H. Karibasappa (SEIAA 325 MIN 2019)

SI.	PARTICULARS		INFORMATION	J
No 1	Name & Address of the Project Proponent	Sri. H. Karibasappa, S/o. Hanumanthappaappa. Gudekotekere Village, 12th Ward, Hadagali Road, Harapanahalli, Harapanahalli Taluk, Davanagere Dist.		
2	Name & Location of the Project	Bagali Village, Harapanahalli Karnataka State	l'aluk, Davanage e.	ere Dist.,
3	Co-ordinates of the Project Site	Corner Point  1 2 3 4	Latitude N14° 48' 58.9" N14° 49' 00.7" N14° 48' 00.9" N14° 48' 58.7"	Longitude E75° 59' 27.2" E75° 59' 26.2" E75° 59' 25.9" E75° 59' 25.4"
4	Type of Mineral	Building stone.		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Re	evenue Land.	·
7	Whether the project site fall within ESZ/ESA	No	· · · · · · · · · · · · · · · · · · ·	
8	Area in Ha	0.4047 Ha	· · · · · · · · · · · · · · · · · · ·	
9	Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA		
10	Depth of Sand proposed to be removed	NA		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	10,200 TPA	,	
12	Quantity of Topsoil/Over burden in cubic meter	NA	•	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	408 tons/annun	n	
14	Project Cost (Rs. In Crores)	40 Lakh		
15	Environmental Sensitivity			
	a. Nearest Forest	Applied QL is	s approx. 3.4 k	m away from

			Reserved Forest area.	
	b.	Nearest Human Habitation	Bagali village ~	-3.0 Kms away from the lease.
	C.	Educational Institutes, Hospital	Harapanahalli-	
	_		The nearest ta	nk is Singaratota Tank which is
	d.	Water Bodies	located at the c	listance ~0.8 km NE of lease.
	e.	Other Specify	NiI	
	Ap	plicability of General	NA	
16	Co	ndition of the EIA		
	No	tification, 2006		•
17	Det	tails of Land Use in A-G		
	a.	Area for Mining/ Quarrying	0-24	
	b.	Top Soil Storage Area		
	c.	Mineral Storage Area	0-02	
	d.	Waste Dumping Area		
	e.	Infrastructure Area	0-01	
	f.	Road Area		
	g.	Safety Zone/Green Belt Area	0-13	
	h.	Unexplored area	ATT ST	
	i.	Others Specify Safety Zone	ide ann	
18	M	lethod of Mining/ Quarrying	Semi Mechanised Quarrying	
19	Wa	ter Requirement		
	a.	Source of water	Near By village	e Borwell.
			Dust	5.0
		Total Degramment of Water	Suppression	
	b.	Total Requirement of Water in KLD	Domestic	1.0
			for plantation	1.5
			Total	7.5
20	Sto	rm water management plan		

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that, this is a existing lease which was granted during the year 2010. The proponent has stated that he has carried out mining from 2010-2015 and discontinued mining from 2015 till this date. But the audit reports produced by the proponent for the year 2015-16 and 2016-17 do not bear any official signature for which the proponent has stated that he will come back after getting it certified by the DMG.



In the absence of above, the committee opined that in the absence of audit reports it cannot be ascertained weather this proposal is in accordance with NGT order dated: 13-1-2015.

Hence the committee after discussion decided to defer the proposal.

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

226.8 Proposed Khanpet Building Stone(M-Sand) over an extent of 5.00 Acres at part of Sy.No.293/1, 293/2,, Khanpet Village, Ramadurga Taluk, Belagavi **District by Smt. Akkamahadevi R Agadi (SEIAA 326 MIN 2019)** 

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	SMT AKKAMAHADEVI R AGADI GOWRI BUILDING 3RD STAGE AKSHAYA COLONY HUBLI.		
2	Name & Location of the Project	Khanpet Village, Ramadurga Taluk Belagavi District, Karnataka.		
3	Co-ordinates of the Project Site	Points         Lattitude         Longitude           A         N 15° 57' 04.9"         E75° 12' 21.5"           B         N 15° 57' 06.7"         E75° 12' 26.3"           C         N 15° 57' 09.4"         E75° 12' 28.2"           D         N 15° 57' 10.0"         E75° 12' 24.4"           E         N 15° 57' 09.6"         E75° 12' 22.7"           F         N 15° 57' 07.2"         E75° 12' 20.8"		
4	Type of Mineral	Building Stone(M-Sand).		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Land.		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	2.02 Ha Sy No: 293/1,293/2		
9	Actual Depth of building stone in the lease area / Patta Land building stone	Depth of building stone in Private land -25mt( from top level).		
10	Depth of building stone proposed	Depth of building stone proposed-10mt (from		

	to be removed		top level)	
11	Annual Production Proposed		Average 80460TPA	
11	(M	etric Tons/ CUM) / Annum		
12	Quantity of Topsoil/Over burden		Waste-Averag	ge 4235 TPA
12	in cubic meter			
13	Mineral Waste Handled (Metric		Nil	
15	Tons/ CUM)/ Annum			
14	Pro	oject Cost (Rs. In Crores)	50 Lakh	
15	En	vironmental Sensitivity		
	a.	Nearest Forest	Nil with in 10	km.
	b.	Nearest Human Habitation	Khanpet-0.6 k	m
		Educational Institutes,	Ramadurga-30	0km
	c.	Hospital		
	d.	Water Bodies	Malprabha Ri	ver-2.50km
	e.	Other Specify	Nil	
		plicability of General		
16	ì	ndition of the EIA		
		tification, 2006	<u></u>	
17	De	tails of Land Use in A-G		
	a.	Area for Mining/ Quarrying	3-17	
	b.	Waste Dumping Area		
	C.	Top Soil Storage Area		
	d.	Mineral Storage Area	-	
	e.	Infrastructure Area		
	f.	Road Area	0-01	
	g.	Green Belt Area		
	h.	Others Specify Safety Zone	1-22	
		Total	5.0 Acre (2.02)	
18		thod of Mining/ Quarrying	Semi Mechani	sed Quarrying
19	Wa	ter Requirement		
	a.	Source of water	Near By Own	<del></del>
			Dust	7.0
		b. Total Requirement of Water in KLD	Suppuration	
	b.		Domestic	1.5
			Other	1.5
	]		Total	10.0
20	Storm water management plan		BAD SAN	

The Proponent and Environment Consultant attended the 226th meeting held on 10-7-2019 to provide clarification/additional information.

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

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

As seen from the quarry plan there is a level difference of 2.0 meters within the mining area and taking this into consideration the committee opined that the proposed quantity 1,51,440 cum or 4,02,299 tons for a plan period of five years can be mined safely and scientifically to a quarry pit depth of 20 meters.

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

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

As far as CER is concerned, the proponent has stated, that he will earmark Rs.7.5 lakhs to build a check dam across rala at a distance of 2.2 KM from the lease area.

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

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

226.9 Proposed Building Stone Quarry over an extent of 1-00 Acre at Sy.No.45 of Chatnahalli Village, Harappanahalli Taluk, Davangere District by Sri. E. Ravikumar (SEIAA 329 MIN 2019)

The proposal was placed before the committee for appraisal.

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

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

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

226.10 Proposed Building Stone Quarry in 2-00 Acre of Govt land bearing Sy.No.20 of Hanumanthapura Village, Chikkaballapur Taluk & District by Sri. Chikka Anjanappa (SEIAA 330 MIN 2019)

SI. No	PARTICULARS		INFORMA	TION
1	Name & Address of the Project Proponent	S/o Mu: Navarat	kka Anjanappa ni Shamappa hna, Agrahara li Post, Bangalore Nor ka	rth
2	Name & Location of the Project	Forest Hanum	g Stone Quarry in 2 Govt. Land bearing nanthapura Village & District, Karnatak	g Sy. No. 20 , Chikkaballapur
		Point No.	Latitude	Longitude
3	Co-ordinates of the Project Site	A B	13°35′01.82″ 13°35′02.65″	77°45′18.07″ 77°45′15.05″
		C D	13°35′00.31″ 13°35′58.33″	77°45′14.87″ 77°45′17.78″
4	Type of Mineral	Buildin	g Stone	
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Govt. I	and	
7	Whether the project site fall within ESZ/ESA	No		And the second s
8	Area in Ha	0.8093	На.	, , , , , , , , , , , , , , , , , , , ,
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	NA		

	T		
	quarry pits in case of		
	ongoing/expansion/modification		
	of mining proposals other than		
	river sand		
10	Anı	nual Production Proposed	5,197 (Avg.) Tons/ Annum
13		etric Tons/ CUM) / Annum	
·		antity of Topsoil/Over burden	None
14	-	ubic meter	Tronc
		neral Waste Handled (Metric	273 Tons/Annum
15		•	273 Tons/ Admidit
		ns/ CUM)/ Annum	0.40
16		ject Cost (Rs. In Crore)	0.10
17	Env	vironmental Sensitivity	
			Haristhala R.F -3.34 Km SE
	a,	Nearest Forest	Narasimhadevarabetta R.F -3.61 Km SW
		·	Deemed Forest 200m
	b.	Nearest Human Habitation	Hanumanthapura – 1.0 km
		Educational Institutes,	Chikkaballapur-17.0 Km
	c.	Hospital	Chikabahapat 17.0 km
		Hospital	Jamalakunte Kere -3.98 Km N
			Adegarahalli Kere -1.37 Km N-NE
			Dommaragudesalu Kere -3.51 Km E-NE
			Kamaganapalli Kere -2.2 Km E-NE
			Kolgundlahalli Kere -2.87 Km SE
			Bandahalli Kere -2.44 Km S
			Addagal Kere -2.76 Km S-SW
			Mandikal Kere -2.24 km W-NW
			Hosahalli Kere -2.9 Km NW
			Jiganahalli Kere -4.6 Km NW
			Bodimarenahalli Kere -4.63 Km N-NW
			Bommanahalli Kere -5.90 N
			Appireddihalli Kere -7.34 Km N
	d.	Water Bodies	Polamhalli Kere -6.62 Km N-NE
			Sadasivanahalli Kere -7.63 Km N-NE
			Chokkanahalli Kere -5.29 Km NE
			<del></del>
			Lakshmisagara Kere -7.95 Km NE
			Chikkamakanahalli Kere -5.61 Km E-NE
			Timmanahalli Kere -8.34 Km E-NE
			Ramasandra Tank -7.53 Km E
		·	Venkatapura Kere -6.87 Km E-SE
			Govdanahalli Kere -6.44 Km E-SE
			Samasenahalli Kere -6.16 Km SE
			Yalgere Kere -6.62 Km S-SE
1			Yalakalarallahalli Kere -7.4 Km NW
			Bairasagara Kere -8.12 Km NW
	е.	Other Specify	
	٠. ا	Outer opening	



		plicability of General	None		
18	Co	ndition of the EIA Notification,			
	2006				
19	Det	tails of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1-12		
	b.	Waste Dumping Area	_		
	c.	Top Soil Storage Area			
	d.	Mineral Storage Area	-		
] :	e.	Infrastructure Area			
	f.	Road Area	0-02		
	g.	Green Belt Area	0-26		
		Unexplored area			
	i.	Others Specify	-		
20	Method of Mining/ Quarrying		Opencast Sem	i-mechanized	
21	1	e of Replenishment in case	NA		
		er sand project			
22	Wa	ter Requirement			
	a.	Source of water	Nearby Bore v		
			Dust	2.9 KLD	
		Total Requirement of Water in KLD	Suppression		
	b.		Domestic	0.36 KLD	
			Other	0.24 KLD	
			Total	3.5 KLD	
23	Storm water management plan		Will be carried	d out.	
24	Any other information specific to the project (Specify)		None		
4°5.				· · · · · · · · · · · · · · · · · · ·	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form 1, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a existing lease which was granted during the year 2005. The proponent has stated that he has carried out mining from 2005-2010 and discontinued mining from 2010 till this date. The proponent has stated that he has obtained NOCs from Forest and Revenue Department.

As seen from the quarry plan there is a level difference of 6 meters within the mining area and taking this into consideration the committee opined that the proposed quantity of 10,400 cum or 27,352 tons can be mined safely and scientifically to a quarry pit depth of 2 meters.

As per the cluster sketch approved by DMG there are eleven leases including this lease within the 500 meter radius from this lease and all are granted prior to 9-9-2013 and based on this the proponent has claimed exemption from the cluster effect.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 650 meter connecting lease area to all weather road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.50,000/- to take up solar street lighting at the nearby village i.e., Hanumanthapura village which is at a distance of 1.0 KM from the lease area.

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

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

226.11 Proposed "Building Stone Quarry" over an extent of 2-00 Acres at Sy.No.180(P) of Arakere Village & 21(P) of Byrapur Village, Arasikere Taluk, Hassan District by Sri. G.B Siddesh (SEIAA 334 MIN 2019)

The proposal was placed before the committee for appraisal.

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

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

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

226.12 Proposed "Building Stone Quarry" over an extent of 1-00 Acres at Sy.No.75(P), Marundi Village, Arasikere Taluk, Hassan District by Sri. G.B Siddesh (SEIAA 335 MIN 2019)

The proposal was placed before the committee for appraisal.

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

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

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

226.13 Proposed Ordinary Sand Mining at Block No.12 in Varahi River Bed, adjacent Sy.No.295 of Shankaranarayana Village, Kundapura Taluk & District by The Executive Engineer, Karnataka Neeravari Nigam(L) (SEIAA 337 MIN 2019)

The proposal was placed before the committee for appraisal.

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

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

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

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

The proposal was placed before the committee for appraisal.

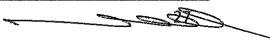
The proponent was invited for the 226<sup>th</sup> meeting held on 10-7-2019 to provide required clarification. The proponent remained absent without intimation.

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

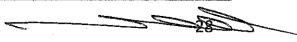
Action: Secretary, SEAC to put up the proposal before SEAC in subsequent meeting.

226.15 Proposed "Building Stone Quarry" over an extent of 4-00 Acre at Sy.No.35, Thimmanayakanahalli Agrahara Village, Malur Taluk, Kolar District by Sri. R Rajanna(SEIAA 339 MIN 2019)

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SI.		
	PARTICULARS	INFORMATION
No		(-,



1	Name & Address of the Project Proponent	Sri. R .Rajanna S/o Ramayya Yaluvaguli Village MalurTaluk, Kolar District.563130.	
2	Name & Location of the Project	"Building. Stone Quarry" of Sri. R .Rajanna Sy No: 35, Thimmanyakanahalli Agrahara Village, Malur Taluk,KolarDistrict, Karnataka.	
3	Co-ordinates of the Project Site	Latitude: N 12°59'0.26" Longitude:E 78°06'25.35"	
4	Type of Project	Building Stone	
5	New / Expansion / Modification / Renewal	New	
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land	
7	Whether the project site fall within ESZ/ESA	No	
8	Area in Ha	1.6184 Ha	
9	Actual Depth of sand in the lease	NA	
	area in case of River sand		
10	Depth of Sand proposed to be	NA	
ļ	removed in case of River sand	T/ P 111 C	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.	
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a Fresh Land	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	2,97,514 Tons per annum	
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	6072 tons per annum	
16	Project Cost (Rs. In Crores)	10.79crores	
17	Environmental Sensitivity		
	a. Nearest Forest	None within 5 kms	
<u> </u>	b. Nearest Human Habitation Thimmanyakanahalli Agrahara -0.91		



	c.	Educational Institutes, Hospital	schools, police	The nearest post and telegraph office, hospital, schools, police station is situated in Malur -17.96 Kms (NW)	
	d.	Water Bodies	Korachanoor pond-3kms(w) Sulikunte pond-4kms(N)		
	e.	Other Specify	form.		
	Аp	plicability of General	NA		
18	Co	ndition of the EIA			
	No	tification, 2006			
19	De	tails of Land Use in Acres			
	a.	Area for Mining/ Quarrying	3-08		
	b.	Waste Dumping Area	0-02		
	C.	Top Soil yard			
	d.	Mineral Storage Area	0-04		
	e.	Infrastructure Area	0-02		
	f.	Road Area	0-02	·	
	g.	Green Belt Area	0-22		
	h.	Unexplored area	44,99		
	i.	Others Specify			
20		Method of Mining/ Quarrying	Semi Mechani	ised Method	
21		te of Replenishment in case ver sand project	NA		
22		iter Requirement			
	a.	Source of water	Borewell from	n the village	
			Dust	9.7KLD	
		Total Requirement of Water in KLD	Suppression		
	b.		Domestic	1.5 KLD	
			Other	1.3 KLD	
		·	Total	12.5 KLD	
23	Ctn	en water management plan	Drains will be	constructed along the boundary	
40		rm water management plan	of activity area		
24	Any other information specific to		NA		
the project (Specify)					

The Proponent and Environment Consultant attended the 226th meeting held on 10-7-2019 to provide clarification/additional information.

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

The proponent has stated that he has obtained NOCs from Forest and Revenue Department.

As seen from the quarry plan there is a level difference of 5.0 meters within the mining area and taking this into consideration the committee opined that 35% of the proposed quantity of 5,59,237 cum or 14,87,571 tons for a plan period of five years can be mined safely and scientifically to a quarry pit depth of 20 meters.

As per the extended cluster sketch approved by DMG there are three other leases within the 500 meter and all of them were granted prior to 9-9-2013 and based on this proponent claimed exemption for all these three leases fom the cluster effect and hence the area being less than 5 Hectares the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 460 meters connecting lease area to all weather road.

As far as CER is concerned, the proponent has stated, that he will earmark Rs.10.00 lakes to take up rejuvenation of Marlahalli pond which is a distance of 0.25 KM from the lease area.

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

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

226.16 Proposed "Building Stone Quarry" over an extent of 1.71 Acres at Sy.No.19/A1 of Chantnihalli Village, Harapanahalli Taluk, Davangere District by Sri. K.M Shashidhar(SEIAA 340 MIN 2019)

The proposal was placed before the committee for appraisal.

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

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

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

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

The proposal was placed before the committee for appraisal.

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

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

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

226.18 Proposed "Building Stone Quarry" over an extent of 0-30 Acres under (Govt Gomala Land) in part of Sy.No.99, Akkanahalli village, Channarayapatna Taluk, Hassan District by Sri. Muniyappa Bhovi(SEIAA 342 MIN 2019)

Sl. No	PARTICULARS	INFORMATION	
		Sri. MuniyappaBhovi,	
	Name of Address of the Decise	S/o. Venkata Bhovi,	
1	Name & Address of the Project	MadalagereJanatha Colony,	
	Proponent	Akkanahalli Post, Channarayapatna Taluk,	
		Hassan- District	
		"Building Stone Quarry" of	
	Name & Location of the Project	Sri. MuniyappaBhovi.	
2		Sy No. 99, Akkanahalli village,	
		Channarayapatna Taluk,	
		Hassan District, Karnataka.	
	C Prince of the Prince City	Latitude:N 13° 00′ 21.45″	
3	Co-ordinates of the Project Site	Longitude: E 76° 30′ 14.35″	
4	Type of Mineral	Ordinary Sand	
5	New / Expansion / Modification / Renewal	Renewal (QL No. HMG -365)	

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	0.303Ha	
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	901.40m Existing pit level	
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	800Tons per annum	
14	Quantity of Topsoil/Over burden in cubic meter	There is Notopsoil Available in this area.	
15	Mineral Waste Handled (Metric Tons/ CUM)	42Tons per annum	
16	Project Cost (Rs. In Crores)	1.54crores	
17	Environmental Sensitivity		
	a. Nearest Forest	None within 5 kms	
	b. Nearest Human Habitation	Nuggenhalli village – 2.87 kms(W)	
	<ul><li>c. Educational Institutes, Hospital</li><li>d. Water Bodies</li></ul>	Hassan – 42.00 kms (W) Bagur Lake - 10.50 kms(W) Karekere pond -4.70 kms(SW)	
	e. Other Specify	***	
40	Applicability of General Condition		
18	of the EIA Notification, 2006		
19	Details of Land Use in Acres	·	
vormice and a second second second	a. Area for Mining/ Quarrying	0-17	
<del></del>	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 Mechan	ised Manual Method	
21		Rate of Replenishment in	NA	NA	
21	case River sand project				
22	Wa	ater Requirement	·		
	a.	Source of water	Drinking wat	ter : Borewell from the village	
	a.	Source of water	Dust Suppression: River Water		
			Dust	10.5 KLD	
]	İ	Total Requirement of Water in KLD	Suppression		
	b.		Domestic	0.5 KLD	
			Other	0.3 KLD	
			Total	11.3 KLD	
22	CL		Drains will be constructed along the		
23	Storm water management plan		boundary of activity area		
24	Any other information specific		NA		
24	to the project (Specify)				

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a existing lease which was granted during the year 2005. The proponent has stated that he has carried out mining from 2005-2010 and discontinued mining from 2010 till this date. But the audit report prepared by the DMG has not been submitted to substantiate his claims that no mining activity has been carried out beyond 2010, for which the proponent has stated that he will come back after getting the same.

In the absence of above the committee could not proceed with the appraisal because it cannot be ascertained weather this proposal is according to NGT order Dated: 13-1-2015.

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

#### ToR Proposal:

226.19Proposed Expansion for the sugarcane crushing capacity from 8,500 TCD to 12,000 TCD and Co-gen power plant capacity from 40 MWH to 55.5 MWH at Sy.No.21/1,

23/2A, 49/2B/1, 49/2B/2, 87, 101/1+2/3, 99/1B, 99/2, 100/1, 100/2, 104/2A, 104/1, 104/2B, 271/4, 365/4, 95/2B, 96/2, 98/1B, 98/2, 98/3B, 108/2C, 109/2B, 112/1B, 112/2A, 133/1C, 117/1A/3, 117/1B/3, 117/2C, 108/2D, 107/3(Part) of Siddapurvillage Jamkhandi Taluk, Bagalkot District by M/s. Shri Prabhulingeshwar Sugars and Chemicals Ltd., (SEIAA 21 IND 2019)

Sl. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	M/s Shri Prabhulingeshwar Sugars and Chemicals ltd.,Siddapur Village -587301, Jamkhandi Taluk, Bagalkot District, Karnataka	
2	Name & Location of the Project	Sy Nos: 21/1, 23/2A, 49/2B/1, 49/2B/2, 87, 101/1+2/3, 99/1B, 99/2, 100/1, 100/2, 104/2A, 104/1, 104/2B, 271/4, 365/4, 95/2B, 96/2, 98/1B, 98/2, 98/3B, 108/2C, 109/2B, 112/1B, 112/2A, 133/1C, 117/1A/3, 117/1B/3, 117/2C, 108/2D, 107/3 & part Siddapur Village -587301, Jamkhandi Taluk, Bagalkot District, Karnataka	
3	Co-ordinates of the Project Site	Co- ordinates:Latitude:529115.24mELongitude:181 7419.68 mN MSL: 670 m	
4	Environmental Sensitivity		
	a. Distance fromNearest Lake/ River/ Nala		
	b. Distance from Protected area notified under wildlife protection act	-	
	c. Distance from the interstate boundary		
	d. whether located in critically / severally polluted area as per the CPCB norms	-	
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	Serial no. 5(j) of the schedule i.e., Sugar industry and category "B" project.	
6	New/ Expansion/ Modification/ Product mix change	Expansion	
7	Plot Area (Sqm)	772949.5 m <sup>2</sup>	
8	Built Up area (Sqm)	52609.2 m <sup>2</sup>	

9	Component of developments	Manufacturing of Sugar	
10	Project cost (Rs. In crores)	Existing: Rs. 163Crores Proposed: Rs.166 Crores Total Rs.330 Crores	
11	Details of Land Use (Sqm)		
	a. Ground Coverage Area	52609.2 m <sup>2</sup>	
	b. Kharab Land	*	
	c. Internal Roads	Shown in layout plan drawing	
	d. Paved area	457294.776 m <sup>2</sup> - 24-Roads in the factory premises, godowns, staff quarters and others	
	e. Parking		
	f. Green belt	254951.95 m <sup>2</sup>	
	g. Others Specify	-	
	h. Total	772949.5 m <sup>2</sup>	
12	Products and By- Products with quantity (enclose as Annexure if necessary)	Sugar Manufacturingdetails are apended in Prefeasibility Report	
13	Raw material with quantity and their source (encloses as Annexure if necessary)	The raw materials required and their quantities are detailed in PFR report chapter 3, section 3.5	
14	Mode of transportation of Raw material and storage facility	Detailed in PFR report in chapter 3, section 3.6	
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	au ·	
16	Fly ash production, storage and disposal details whereas coal is used as fuel	Fly ash is one of the by products and used as substitute for firewood and is also used by local farmers for cultivation	
17	Complete process flow diagram and technology employed	Sugar Manufacturing Process is explained in chapter 3 of PFR	
18	Details of Plant and Machinery with capacity/ Technology used	Detailed in PFR	
19	Details of VOC emission and control measures wherever applicable	Detailed in PFR	
20	WATER		
	I. Construction Phase		
	a. Source of water	30	
	b. Quantity of water for Construction in KLD	-	
	c. Quantity of water for Domestic Purpose in KLD		

d.	Waste water generation in KLD	-		
-	Treatment facility proposed and			
e.	scheme of disposal of treated water			
II	Operational Phase			
		The raw/fre	esh water source for the industry is	
		Krishna rive	er. The Govt. of Karnataka has	
	,	permitted tl	he industry for drawal of 4800 KLI	
		_	is is used as fresh water for	
		domestic pu	rposes, lab applications and as	
2	Source of water	boiler make	up water. While about 71% of	
a.	Source of water	water requi	red is obtained from sugarcane	
		itself and w	hich is recovered by evaporation	
		from the jui	ce and treating in condensate	
		polishing sy	stem and used for the	
			ing process, cooling tower makeu	
		and domest	ic utilities.	
		Fresh	Existing= 230KLD, After	
b.	Total Requirement of Water in KLD	UVIR	Expansion= 2003 KLD	
~•	Total Requirement of Water In RED	Total	Existing=6264KLD, After	
			Expansion =10878 KLD	
	Requirement of water for industrial	The water re	equirement and consumption	
C.	purpose / production in KLD		ppended in the PFR, chapter 3	
	purpose y production in resp	acting are a	pperaed in the 1119 chapter o	
	Requirement of water for domestic	Domestic Purpose:		
d.	purpose in KLD	Existing= 80KLD, After Expansion= 100KLI		
		Industrial	The current effluent quantity is	
:		effluent	850KLD and the proposed would	
0	Waste water generation in KLD	emuem	be about 1200KLD.	
e.	Waste water generation in RLD	Domestic		
		sewage	Existing= 72KLD, Proposed= 90KLD	
		<del></del>	t effluent quantity is 850KLD an	
·		the proposed would be about 1200KLD.		
	:		TP capacity being 1500KLD, the	
			oposes the addition of a primar	
			d digestor to the existing ET	
i			ch would be sufficent for treatir	
c	THE COURT	the effluent quantity that would be generated		
f.	ETP/ STP capacity		nsion.The industry proposes th	
		adition of a primary clarifier and a anaerol		
		digestor to the existing ETP which will b		
		adequate to treat the effluents that would be		
		generated after expansion.		
:		ETP sludge is dried in sludge drying beds an		
		used in compost making process.		

	g.	Technology employed for Treatment		the treated water is being ory premises, garden and
	h.	Scheme of disposal of excess treated water if any	The treated water is b factory premises, gard purpose.	
21 ·	Inf	frastructure for Rain water harvesting	The storm water in th	e factory is the runoff
22	Sto	orm water management plan	from rain water. The premises is collected disposal trenches to s for ground water rech	through rain water torage tanks and is used
23	Ai	r Pollution	-	
	a.	Sources of Air pollution	Detailed in PFR chapt	ter 3, section 3.9
	b.	Composition of Emissions	SO <sub>2</sub> , NOx, Particulate	Matters
	c.	Air pollution control measures proposed and technology employed	Detailed in PFR chapt	ter 3, section 3.9
24	Noise Pollution			den der State und der State den der der State
	a.	Sources of Noise pollution	Detailed in PFR, chap	ter 3, section 3.9
	b.	Expected levels of Noise pollution in dB	Within the limitspreso	cribed by KSPCB
	c.	Noise pollution control measures proposed	Detailed in PFR, chap	ter 3, section 3.9
25	W	ASTE MANAGEMENT		
,	I.	Operational Phase		
			Biodegradable	Solid Waste:
	а.	Quantity of Solid waste generated per day and their disposal	Non- Biodegradable	Office waste like paper etc. is expected. Plastic drums and bags will be sold to KSPCB authorized recycler.
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Detailed in PFR, chap	ter 3, section 3.6
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	-	
26	ļ	sk Assessment and disaster magement	-	
27		)WÉR		
	a.	Total Power Requirement in the Operational Phase with source	Source: Power require met through Co-gene	ement for thr factory is ration plant.

1	T		1		
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG sets of 125 KVA, 250 KVA, 500x2 KVA are in operation and are provided with stacks of adequate height. 1x1000 KVA DG set is proposed under the expansion project.		
			Sources DG sets	Capacity 125, 250,	fuel
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Boiler	500x2KVA 120 TPH &50x2TPH	Bagasse,
				TPH boilers ar	e proposed to be the expansion
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	- <u>-</u>		
28	PA	RKING			
	a.	Parking Requirement as per norms	Provided as per	r standard	
	b.	Internal Road width (RoW)	Detailed in Plan	nt layout plan.	
29		Any other information specific to the project (Specify)			

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, prefeasibility report, approved mining plan and clarification/additional information provided during the meeting.

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

- 1) Details and status of additional land survey number wise with DC conversion copies may be submitted.
- 2) Compliance to earlier EC and CFE & CFO may be submitted.
- 3) Measures to reduce odour menance may be detailed and submitted.
- 4) Detailed scheme to take up preventive fire protection around the adjacent forest area along with budget backup with a time frame.
- 5) Alternative to septic tank and soak pit may be worked out and submitted.
- 6) Details of conversion of press mud into compost may be detailed and submitted.

7) Environmental sustainability report as per GRI, G4 guidelines may be detailed and submitted.

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

226.20 Proposed Common Bio-Medical Waste Treatment Facility(CBMWTF) at Sy.No.78 of Village, Plot No.31/c, Machenahalli Industrial Area, Kasaba Hobli, Bhadravathi Taluk, Shivamogga District by M/s. Shushrutha Bio-Medical Waste Management Society (R)(SEIAA 22 IND 2019)

Sl. No		PARTICULARS	INFORMATION	
1		ame & Address of the Project oponent	Dr. Girish.C.S Sapthami Dental Clinic, Jayanagar Main Road, Shimoga - 577201 Karnataka.	
2	Waste Management Society, Plot No. 31-C of Machenahalli Area situated in Sy.no.78 Jedik Kasaba Hobli Bhadravathi Tal		· · · · · · · · · · · · · · · · · · ·	
3	Co	o-ordinates of the Project Site		l'57.05"N 9'35.11"E
4	En	vironmental Sensitivity		
	a b	Distance From nearest Lake/ River Nala Distance from Protected area notifi		NA NA
	c	under wildlife protection act  Distance from the interstate bound	ary	NA
	d	whether located in critically / severally polluted area as per the CPCB norms		NO
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number			7(da)
6.	New/ Expansion/ Modification/ Product mix change			New
7	Plo	ot Area (Sqm)		4045 Sqm
8	Built Up area (Sqm)			1151 Sqm



9	Component of developments		Small scale industry	
10	Pro	Project cost (Rs. In crores)		1Crores
11	Det	ails of Land Use (Sqm)	<u> </u>	
	a. Ground Coverage Area			1151 Sqm
	b.	Kharab Land		NIL
	c.	Internal Roads		Included
	d.	Paved area		Included
	e.	Parking	<del> </del>	Included
	f.	Green belt		1340 Sqm
-	g.	Others Specify		
	h.	Total		4045Sqm
12	qua	ducts and By- Products with ntity (enclose as Annexure if essary )	NA It is a common Bio-Medical Waste Treatment Facility.	
13	Raw material with quantity and their source (enclose as Annexure if necessary )		NA It is a Facili	common Bio-Medical Waste Treatment ty.
14	·	de of transportation of Raw erial and storage facility	By ro	ad
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		Giver	n inPre-feasibility report
18	Details of Plant and Machinery with capacity/ Technology used		Give	n in Pre-feasibility report
19	Details of VOC emission and control Someasures wherever applicable			bers will provided
20	WA	TER	· · · · · · · · · · · · · · · · · · ·	

TC

I.	Co	nstruction Phase	· · · · · · · · · · · · · · · · · · ·	<del>A - a chair haife a caile a chair a chairean an cair a chaire</del> (bi	
a	. So	urce of water	······································		NA
b	. Qu KI	nantity of water for Constructi .D	on in		
С	1	nantity of water for Domestic rpose in KLD			
d		aste water generation in KLD			
e		eatment facility proposed and	~~~~~~~~		
		neme of disposal of treated wa			
[I]	[ Op	verational Phase			
a	. So	urce of water		KIADB wate	r supply
b	. То	tal Requirement of Water in F	(LD	Fresh	11.15
				Recycled	, And Andrews (1994) (1
				Total	11.15
C.	4	quirement of water for indust	rial	Fresh	10
	pu	purpose / production in KLD		Recycled	_
				Total	10
d		quirement of water for domes	tic	Fresh	1.15
	pu	purpose in KLD		Recycled	<u>.</u>
				Total	1.00
e	. Wa	Waste water generation in KLD		Industrial	8
				effluent	
				Domestic	1
	-			sewage	
				Total	9
f.	ET	P/STP capacity		10 KLD	
g	. Te	chnology employed for Treatm	nent	Given in PFR	
h	- 1	neme of disposal of excess trea ter if any	ited	In house for	Gardening
. 1	nfrastru arvesti	acture for Rain water ng	Rain	water harvest	ing will be done
S	torm w	rater management plan	l '	ce runoff will r drain.	send to external storm
A	ir Poll	ution			
a.	. Sou	rces of Air pollution		DG set, Incin	erator
b	. Con	nposition of Emissions		PM, SO <sub>2</sub> , NO	×
c.	c. Air pollution control measures proposed and technology employe		ed		Air Pollution Control D), Autoclave, Shredder



24	No	oise Pollution			ng Naman at terdam menumun menumun menumun menumun menumun menumun menumun menumun menumun menumun menumun men
gerårnd of Server und differenden ber	a.	Sources of Noise pollution		DG set	
	b.	Expected levels of Noise pollution dB	ı in	Day < 75 dB Night < 70 dB	
	c.	Noise pollution control measures proposed		Acoustic enclosures	
25	W.	ASTE MANAGEMENT		<del></del>	
	I.	Operational Phase			
	a.	Quantity of Solid waste generated day and their disposal	l per	Biodegradable	Given in pre- feasibility
	Ì	day and then disposal		Non- Biodegradable	report
	b.	Quantity of Hazardous Waste generation with source and mode Disposal as per norms	e of	Given in pre-feasibility	
	c.	Quantity of E waste generation w source and mode of Disposal as p norms		NA	
26	Ris	sk Assessment and disaster	NA	A	
	ma	nagement			
27	PC	OWER			
	a.	Total Power Requirement in the Operational Phase with source		0.1MW which sources Power Transmissior Limited (KPTCL).	
: 	b.	Numbers of DG set and capacity in KVA for Standby Power Supply		1 no. DG set of 250 KV	A
	C.	Details of Fuel used with purpose as boilers, DG, Furnace, TFH, Incinerator Set etc.	such	82L/hr For 250 KVA D	G set.
	d.	Energy conservation plan and Percentage of savings including p for utilization of solar energy as p ECBC 2007		NA	
28	PA	RKING			
	a.	Parking Requirement as per norm	ıS	NA	
·	b. Internal Road width (RoW)		NA	·	
	-	other information specific to the ct (Specify)	NA		

The Proponent and Environment Consultant attended the  $226^{\rm th}$  meeting held on 10-7-2019 to present the ToRs. The committee screened the proposal considering the



information provided in the statutory application-Form I, Prefeasibility Report and clarification/additional information provided during the meeting.

The committee after discussion, decided to recommend the proposal to SEIAA for issue of Standard ToRs to conduct the EIA studies in accordance with the EIA Notification 2006 and relevant guidelines.

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

226.21 Proposed "Grey Granite Quarry" over an area of 27 Acres at Sy.No.48 & 49 in a Arasinakeri Village, Koppal Taluk & District by Sri. P. Balasubbasetty & Sons (SEIAA 322 MIN 2019)

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. P. Balasubba Setty & Son's N.2078, 22 <sup>nd</sup> ward, J.P.Nagar, Ballari Road, Hosapete Taluk, Ballari District Karnataka.
2	Name & Location of the Project	Grey Granite Quarry of Sri. P.Balasubba Setty & Son's Over an extent of 27.00 acres. located in Survey No.48 & 49 of Arasinakeri Village, KoppalTaluk and District, Karnataka.
3	Co-ordinates of the Project Site	Latitude: N 15°28′ 50.6″ to N 15°29′10.9″ Longitude: E 76°17′12.5″ to E 76°17′23.1″
4	Type of Mineral	Grey Granite
5	New / Expansion / Modification / Renewal	New Quarry
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	10.92
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	30555 m³ per Annum
12	Quantity of Topsoil/Over burden	850



	in	cubic meter		
13	Mi	neral Waste Handled (Metric		
13	To	ns/ CUM)/ Annum	_	
14	Pro	oject Cost (Rs. In Crores)	0.40	
15	En	vironmental Sensitivity		
	a.	Nearest Forest		agar forest area is located at a located at a located at a located at a located at a
	b.	Nearest Human Habitation	Arsinakeri -2.	0kms
	c.	Educational Institutes,	Primary Scho	ools are located at Arasinakere
		Hospital	worship com at Koppal to	hospitals, colleges, places of munity facilities etc., are located wn which is at a distance of 22 rom the lease area.
		<del></del>	<del></del>	vater collection pond is located at
	d.	Water Bodies	1	of 6.00 km towards south East
			from the lease	
	e.	Other Specify	м	
	Ар	plicability of General		
16	Co	ndition of the EIA	No	
	No	tification, 2006		
17	De	tails of Land Use in Ha		
	a.	Area for Mining/ Quarrying	2.70	
	b.	Waste Dumping Area	0.51	
	c.	Top Soil Storage Area	-	
	d.	Mineral Storage Area	0.55	
	e.	Infrastructure Area	0.06	
	f.	Road Area	0.36	
	g.	Green Belt Area	1.24	
		Unexplored area	5.49	
	i.	Others Specify	4	
18	Me	thod of Mining/ Quarrying	Open cast - Ft	ully Mechanised quarry method
19	Wa	ter Requirement		-
	a.	Source of water		omestic Purpose
			Dust	20
		Total Requirement of Water	Suppuration	
	b.	in KLD	Domestic	1
			Other	2
			Total	23
20		rm water management plan	the committee	for a second and the share

The Proponent and Environment Consultant attended the  $226^{th}$  meeting held on 10-7-2019 to present the ToRs. The committee screened the proposal considering the information provided in the statutory application-Form I, prefeasibility, report and

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

The committee after discussion, decided to recommend the proposal to SEIAA for issue of Standard ToRs, along with following additional ToRs to conduct the EIA studies in accordance with the EIA Notification 2006 and relevant guidelines.

- 1) Details of haulage road may be furnished.
- 2) Details of works to take up under CER may be worked out and submitted.

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

### 11th July 2019

# Members present in the meeting:

Shri. N. Naganna	-	Chairman
Dr. B. Chikkappaiah, IFS(R)	***	Member
Dr. N. Krishnamurthy	-	Member
Shri G.T Chandrashekarappa	-	Member
Dr. K.B Umesh	-	Member
Shri M. Srinivasa	es.	Member
Shri J.G Kaveriappa	~	Member
Dr. Vinod Kumar C.S	-	Member
Shri D. Raju	-	Member
Shri. Vyshak V. Anand	-	Member
Shri Venugopal V.	-	Member
Shri Mohammed Saleem I Shaikh	BY	Member
Shri. VijayaKumar,178	-	Secretary

#### **EIA Appraisal:**

226.22 Proposed Residential Apartment Building Project at Sy.Nos.54/3, 55/1, 55/2 56, 58/1, 58/2, 58/3, 59/2, 59/3, 59/4, 59/5, 60/2, 61, 63/1 OF Hadosiddapura Village and Sy.No.31/1 of Chikkannelli Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District By M/s. SOBHA LTD. (SEIAA 168 CON 2018)

S1. No.	PARTICULARS	INFORMATION
		M/s. Sobha Limited.
1	Name & Address of the Project	Sarjapur - Marathahalli Outer Ring Road (ORR)
1	Proponent	Devarabisanahalli, Bellandur Post,
		Bengaluru - 560103



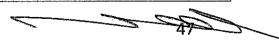
			Karnataka, India.	
2		Name & Location of the Project	Residential Apartments Development At Sy. Nos. 54/3, 55/1, 55/2, 56, 58/1, 58/2, 58/3, 59/2, 59/3, 59/4, 59/5, 60/2, 61, 63/1 Hadosiddapura Village and Sy. No. 31/1 Chikkannelli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru.	
3		Co-ordinates of the Project Site	Latitude: 12°53′52.62″ N Longitude: 77°42′14.57″ E	
4		Environmental Sensitivity		
	a.	Rajakaluve, Nala etc.,)	Halanayakanahalli Lake is at a distance of 1.0km in the West direction from the project site.	
	b	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	the South-West direction from the project site.	
5		Type of Development		
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES Mall/ Hotel/ Hospital / other		
	b.	Residential Township/ Area Development Projects	Area Development project	
6		Plot Area (Sqm)	Total Site Area: 10,0867.89 Sqmt (24 Acres 37 Guntas) Physical Site Area – 95,580.35 Sqmt (23 Acres 24.75 Guntas)	
7		Built Up area (Sqm)	2,80,666.45 Sqmt	
8		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	2B+G+18UF	
9		Number of units in case of Construction Projects	Project comprises of 1,284 Nos. of residential apartments in 16 Wings.	
10		Number of Plots in case of	NA	



1111 6 17

		Residential Township/ Area Development Projects		
11	F	Project Cost (Rs. In Crores)	Rs. 362.28 Crores	
12	F	Recreational Area in case of Residential Projects / Townships Details of Land Use (Sqm)	No	
	a.	Ground Coverage Area	11,948.52 Sqmt	
	b.	Kharab Land	wa wa	
		Total Green belt on Mother Earth		
		for projects under 8(a) of the		
	c.	schedule of the EIA notification,	36,150.47 Sqmt	
		2006		
		Internal Roads		
	d.		25,712.67 Sqmt	
	e.	Paved area	10	
			Landscape area on podium - 10,577.13 Sqmt	
	f.	Others Specify	Ramps - 1,022.24 Sqmt	
		1 .	Other Services – 5,388.46 Sqmt	
			CA Site – 4,780.86 Sqmt	
		Parks and Open space in case of		
	g.	Residential Township/ Area	Included in the landscape area	
		Development Projects		
	h.	Total	95,580.35 Sqmt	
14	I	Details of demolition debris and $/$ or	Excavated earth	
		Details of Debris (in cubic		
		meter/MT) if it involves	·	
		Demolition of existing structure		
	a.	and Plan for re use as per	1,00,485 Cum	
		Construction and Demolition		
		waste management Rules 2016, If		
		Applicable		
	1	Total quantity of Excavated earth	4.00.000	
	b,	(in cubic meter)	1,86,662 Cum	
		Quantity of Excavated earth		
	C.	propose to be used in the Project	1,41,207 Cum	
		site (in cubic meter)		
		Excess excavated earth (in cubic		
	d.	meter)	45,455 Cum	
	e.	Plan for scientific disposal of	Will be reused for foundation, backfilling for	
oxdot				

1 2



		excess excavated earth along with	apartments, landscape backfilling, road-works	
		Coordinate of the site proposed	backfillin	g and block making.
		for such disposal		
15	1	WATER		
	I.	Construction Phase		
			Nearby p	roject STP treated water for construction
	a.	Source of water	purpose a	and External authorized tanker water for
			domestic	purpose.
	b.	Quantity of water for Construction	31.0 KLD	
	υ.	in KLD	31.0 KLD	
		Quantity of water for Domestic	34.0 KLD	
	C.	Purpose in KLD	34.0 KLD	
	d.	Waste water generation in KLD	30.0 KLD	
		Treatment facility proposed and	The total	sewage generated will be treated in a
		scheme of disposal of treated	mobile STP of capacity 50 KLD; Treated sewage will be re-used for Dust Suppression &	
	e.	water		
			Gardening.	
	II.	Operational Phase		
		Total Requirement of Water in KLD	Fresh	578 KLD
	a.		Recycled	289 KLD
			Total	867 KLD
	b.	Source of water	Halanaya	kanahalli Grama Panchayat/External
	υ,	Source of water	Tankers	
	C.	Waste water generation in KLD	780 KLD	
	d.	STP capacity	1005 KLD	(335 KLD X 3 MODULES)
	e.	Technology employed for Treatment	Extended	aeration with ultra-filtration
ľ			For Flush	ing - 289 KLD
	f.	Scheme of disposal of excess	For Landscaping – 374 KLD	
		treated water if any	Excess to	UGD ~ 78 KLD
16	I	nfrastructure for Rain water harvestin	g	
	a.	Capacity of sump tank to store	1,050 Cun	n
-		Roof run off		
	b.	No's of Ground water percolation	64 Nos.	
17		pits		
17				
18		VASTE MANAGEMENT  Construction Phase	······································	·
	a.	Quantity of Solid waste generation	113 Kg/ D	ay. Solid waste generated will be

		and mode of Disposal as per	collected manually and ha	nded over to
		norms	authorized recyclers.	
	11.	Operational Phase		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		Quantity of Biodegradable waste	1,926 kg/Day. Biodegradable wastes will be	
	a.	generation and mode of Disposal	segregated at the source ar	nd will be processed in
		as per norms	proposed organic waste co	nverter.
		Quantity of Non-Biodegradable	1 204 kg/Day Nan bioday	radabla Wastas will be
	b.	waste generation and mode of	1,284 kg/Day. Non-biodeg given to the waste recycler	
		Disposal as per norms	given to the waste recycler	<b>5.</b>
		Quantity of Hazardous Wasta	Waste Oil Generation: 800	1/6 months.
		Quantity of Hazardous Waste generation and mode of Disposal	Hazardous wastes like was	ste oil from DG sets,
	C.		used batteries etc. will be h	nanded over to the
		as per norms	authorized hazardous was	te recyclers.
		Quantity of E waste generation	E-Wastes will be collected	separately & it will be
	đ.	waste generation and mode of	handed over to authorized E-waste recyclers for	
		Disposal as per norms	further processing.	
19	PO	OWER		
	a.	Total Power Requirement -	11.85 MVA	
	и.	Operational Phase		
	b.	Numbers of DG set and capacity in	500 kVA X 16 Nos.	
	D.	KVA for Standby Power Supply		
	c.	Details of Fuel used for DG Set	1700 l/hr	
		Energy conservation plan and	Solar water heaters	
	d.	Percentage of savings including	LED Lights	
	u.	plan for utilization of solar energy	5 Star rated AC	
		as per ECBC 2007	Energy Savings: 22%	
20	P	ARKING		
	a.	Parking Requirement as per norms	Required	Provided
	***	Turking Requirement as par norms	1,412 Nos.	2,172 Nos.
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic Report will be subn Report.	nitted along with EIA
	c.	Internal Road width (RoW)	8.0m	· · · · · · · · · · · · · · · · · · ·

The Proponent and Environment Consultant attended the meeting to provide clarification/additional information. The committee screened the proposal considering

the information provided in the statutory application-Form I, Form-1A, Conceptual plan and clarification/additional information provided during the meeting. The committee noted that an EC was issued earlier during the year 28-3-2017. The proponent has stated that he has not proceeded with the work. Now this proposal is for modification on the earlier proposal deleting row houses and putting up high raise towers in its place. During the appraisal the proponent has requested to permit him to adopt the baseline data collected earlier during the year 2015 and 2016. After due deliberation the committee decided to permit him to adopt earlier data and he has been directed to collect one month baseline data along with comparative analysis of the earlier data and present data.

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

- 1) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 2) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 3) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 4) Rain water harvesting/storage details may be worked out.
- 5) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 6) To submit the Details of trees to be felled and the scheme for development of greenery with the number and kind of tree species as per the norms.
- 7) The applicability of the recent NGT order on buffer zone for water bodies and nalas may be studied and submitted.
- 8) ECBC norms to be fully complied with for design and choice of equipments. Simulation studies to be conducted and quantify the energy savings.
- 9) 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.
- 10) 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.

Accordingly ToRs were issued on 23-2-2019. The proponent has submitted the EIA report vide letter 14-6-2019.

The proponent and Environment consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 for EIA appraisal.

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

- 1) Water requirement to be reworked to limiting the fresh water demand to 55 LPCD as per rural water supply standards and balance requirement is to be met out of treated sewage with relevant sewage treatment scheme.
- 2) Surface hydrology has to be reworked keeping in view the micro water shed wherein this project is located.
- 3) Deep recharge pits within the project area may be identified and detailed scheme may be submitted.

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

226.23 Proposed Expansion of Commercial Building project(Office/Software Park) at Plot No.1A, 1B, 1C, 1C(Part) & 1D, Kadugodi Village, Sadaramangala Industrial Area, Bidarahalli Hobli, Whitefield, Bangalore East Taluk, Bangalore by M/s. Whitefield Developers(SEIAA 18 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Whitefield Developers, Unit 206, 2 <sup>nd</sup> Floor, Barton Centre, 84, MG Road, Bangalore - 560 001
2	Name & Location of the Project	Proposed Expansion of Development of Commercial Building project at Plot No. 1A, 1B, 1C, 1C (Part) & 1D, Kadugodi Village, Sadaramangala Industrial Area, Bidarahalli Hobli, Whitefield, Bangalore East Taluk, Bangalore
3	Co-ordinates of the Project Site	12°59'13.09"N 77°44'50.10"E
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	
5	Type of Development	Commercial Building



	Residential Apartment / Villas /	Commercial Building
	Row Houses / Vertical	
a.	Development / Office / IT/	
	ITES/ Mall/ Hotel/ Hospital	
	/other	<b>N.T.A.</b>
b.	Residential Township/ Area	NA
<u> </u>	Development Projects	
6	Plot Area (Sqm)	1,00,846.90 m <sup>2</sup>
7	Built Up area (Sqm)	6,08,493.89 m <sup>2</sup>
8	Building Configuration [	Building - 1
	Number of Blocks / Towers /	Wing - 1 & 2:3B+G+15 UF
	Wings etc., with Numbers of	<b>Building - 2:</b> 2B+G+3 UF
	Basements and Upper Floors]	Building - 3
		Wing – 3 & 4: 3B+G+16 UF
1		Building - 4
		Wing – 5: 3B+G+16 UF
		Wing -6: MLCP (3B+G+9 UF)
		Wing - 7:3B+G+16 UF
9	Number of units in case of	NA
	Construction Projects	
10	į	NA
}	Residential - Township/ - Area	
	Development Projects	
11	Project Cost (Rs. In Crores)	600
12	Recreational Area in case of	NA
12	Residential Projects / Townships	
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	28,467.55 Sqm (28.23%)
b.	Kharab Land	NA
	Total Green belt on Mother Eart	h   20,205.60 Sqm (20.03%)
	for projects under 8(a) of th	e
c.	schedule of the EIA notification	n,
	2006	
d.	. Internal Roads	6 mts Width
e.	Paved area	47,130.71 Sqm (46.73%) Paved area and utilities
f.	Others Specify	Surface parking area is about 5,043.04 (5.0%) Sqm
	Parks and Open space in case of	
g.	TO 11 41 1 TO 11 / A	
	Development Projects	
h.		
14	Details of demolition debris and /	or Excavated earth
	Details of Debris (in cubic	50,000
	meter/MT) if it involves	
a.	Demolition of existing structure	
	and Plan for re use as per	
ь		

A Company of the second

	Construction and Demolition waste management Rules 2016, If Applicable		
b.	Total quantity of Excavated earth	4,00,000	
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For Landscap For Internal l Remaining 5	ng = 1,50,000 pe= 1,00,000 Road making =1,00,000 0,000 Cum will be stored and will be future construction projects
d.	Excess excavated earth (in cubic meter)	50,000	
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	In the time of EIA report we give all the details.	
15	WATER	J	
I.	Construction Phase		
a.	Source of water	Our Existing	STP or from BWSSB
b.	Quantity of water for Construction in KLD	100 KLD	
c.	Quantity of water for Domestic Purpose in KLD	5 KLD	
d.	Waste water generation in KLD	4 KLD	
e.	Treatment facility proposed and scheme of disposal of treated water	Mobile sewa Treatment Pl	
II.	Operational Phase		
	Total Requirement of Water in	Fresh	1200
a.	KLD	Recycled	1000
		Total	2200
b.	· · · · · · · · · · · · · · · · · · ·	KIADB	
C.	<u> </u>	1900	20177.75
d.		700KLD & 12	200KLD
e.	Ireatment	SBR	; 
f.	f. Scheme of disposal of excess Zero Discharge treated water if any		
16	Infrastructure for Rain water harves		
a.	Capacity of sump tank to store Roof run off	550 KLD	
b.	No's of Ground water recharge pits	30 No's	
17	- I all the second and the second an	Enclosed in EM	IP



18	WASTE MANAGEMENT	
I.	Construction Phase	
	Quantity of Solid waste	Shall be disposed through BBMP Authorised
a.	generation and mode of Disposal	
	as per norms	
II.	Operational Phase	
	Quantity of Biodegradable waste	7,000 kg/day converted in to organic manure
a.	generation and mode of Disposal	and used for garden
	as per norms	
	Quantity of Non-Biodegradable	4,500 Kg/day given to PCB authorized recycler
b.	waste generation and mode of	
<u> </u>	Disposal as per norms	
	Quantity of Hazardous Waste	10,000-15,000 Lts/one B check given to PCB
C.	generation and mode of Disposal	authorized recycler
	as per norms	FOOD IV / POP 11 1 1
1	Quantity of E waste generation	5000 Kg/year given toPCB authorized recycler
d.	waste generation and mode of	
19 1	Disposal as per norms POWER	
1/ / 1	Total Power Requirement -	5140 KW
a.	Operational Phase	OTTO KVV
	Numbers of DG set and capacity	2000 KVA X 27 nos.
Ъ.	in KVA for Standby Power	
	Supply	
C.	Details of Fuel used for DG Set	Low Sulphuric diesel
	Energy conservation plan and	In the time of EIA report we give all the details.
d.	Percentage of savings including	
a.	plan for utilization of solar	
	energy as per ECBC 2007	
20 I	PARKING	
a.	Parking Requirement as per	8065
L	norms	
	Level of Service (LOS) of the	Traffic report is enclosed
b.	connecting Roads as per the	
<u></u>	Traffic Study Report	
C.	Internal Road width (RoW)	6 mts

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, IA, Conceptual plan and clarification/additional information provided during the meeting. The proponent has stated that he has obtained EC earlier for this project spread over an area of 1,00,846.90 sqmts with a BUA



of 1,49,795.98 sqmts and the work has not yet been started. Now he has put up this application for expansion spread over an area of 1,00846.90 sqmts utilizing the area earmarked earlier for future expansion and the present overall BUA area comes to 6,08,493.89 sqmts.

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.

- Details of the Kharab land and its position on the village survey map may be detailed and submitted.
- 2) Ground water level in the study area may be studied including ground water level monitoring in OB wells from DMG.
- 3) Scheme for waste to energy plant to process the entire organic waste generated from the entire project
- 4) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 5) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 6) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 7) Rain water harvesting/storage details may be worked out.
- 8) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.
- 9) To submit the Details of trees to be felled and the scheme for development of greenery with the number and kind of tree species as per the norms.
- 10) The applicability of the recent NGT order on buffer zone for water bodies and nalas may be studied and submitted.
- 11) ECBC norms to be fully complied with for design and choice of equipments. Simulation studies to be conducted and quantify the energy savings.
- 12) Carbon footprint to be estimated for construction and operation phase. Suitable offsets to be implemented, quantified and detail calculation to be submitted to try and achieve near zero carbon foot print.
- 13) Traffic simulation studies to be conducted for present and projected traffic densities along with transportation study for construction phase. Traffic plan to be prepared in order to reduce vehicular emissions and project the vehicular emissions through linear air modeling.

Accordingly ToRs were issued on 27-3-2019. The proponent has submitted the EIA report vide letter dated: 3-6-2019 and the same was placed before the committee for appraisal.

The proponent and Environment consultant attended the 227<sup>th</sup> meeting held on 11-7-2019 for EIA appraisal.

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

- 1) Surface hydrology has to be reworked keeping in view the micro water shed wherein this project is located and workout the carrying capacity of the nearby nalas.
- 2) Scheme for utilizing balance excavated earth within the project site may be reworked and submitted.
- 3) Landuse and land cover analysis of the project site based on latest satellite imagery using NRSC classification to be prepared and submitted.

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

# Fresh subjects:

226.24 Proposed development of Residential Apartment Building at Sy.No.-68/2, Haraluru Village, Varthur Hobli, Bangalore East Taluk, Bangalore by M/s. Pariwar Housing Corporation and Wise Builder and Developers (SEIAA 77 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. A.Kiran Kumar Managing Partner of M/s. Pariwar Housing Corporation And Wise Builder and Developers Having its office at 18th Main Road, 4th 'T' Block, #167, 36th Cross Road, Jayanagar, Bangalore-560041
2	Name & Location of the Project	Proposed Residential Apartment Building project by Mr. A.Kiran Kumar, Managing Partner of M/s. Pariwar Housing Corporation And Wise Builder and Developers Having its office at 18th Main Road, 4th 'T' Block, #167, 36th Cross Road, Jayanagar, Bangalore-560041
3	Co-ordinates of the Project Site	12°53'43.97"N 77°39'54.39"E
4	Environmental Sensitivity	
а	nearest Lake and other water	



	·····			
			- 1	Haraluru Lake, Buffer of 30.50m is left as per
		vicinity of the project site and	- 1	NGT Direction in O.A 222 of 2014 dated
1		Details of Buffer provided as pe		04.05.2016.
	^	NGT Direction in O.A 222 o	f	
		2014 dated 04.05.2016, i	f	
		Applicable.		
5	Ty	pe of Development		esidential Apartment Building project
		Residential Apartment / Villas	-	Residential Apartment Building project
		/ Row Houses / Vertical		
a	1.	Development / Office / IT/		
		ITES/ Mall/ Hotel/ Hospital		
		/other		
	).	Residential Township/ Area		NA
	<u>'                                    </u>	Development Projects		
6	Pl	ot Area (Sqm)	16	,866.48 sqm
7	Βι	uilt Up area (Sqm)	44	-,377.36 sqm
8	1	uilding Configuration [	St	ilt+GF+3UF
	N	umber of Blocks / Towers /		
	W	ings etc., with Numbers of		
		sements and Upper Floors]		
9	N	umber of units in case of	32	8
	<del></del>	onstruction Projects		
10	N	umber of Plots in case of	N.	A
	ŀ	esidential Township/ Area		
	·	evelopment Projects		
11_		roject Cost (Rs. In Crores)	50	
12		ecreational Area in case of	N.	Α
		esidential Projects / Townships		
13	De	etails of Land Use (Sqm)		
	a.	Ground Coverage Area		8773.94 Sqm(52.02%)
]	<u>b.</u>	Kharab Land		NA
		Total Green belt on Mother Ear		3373.29 (20%) Sqm
	c.	for projects under 8(a) of the		
'	~•	schedule of the EIA notification	n,	
		2006		
	d.	Internal Roads		12.0mts Width
<u> </u>	<u>e.</u>	Paved area	<del>-,</del>	4719.24 (27.98%) Sqm
	f.	Others Specify		NA
		Parks and Open space in case		NA
	g.	Residential Township/ Ar	ea	
		Development Projects		
	h.	Total		
14	De	etails of demolition debris and /	or	
	a.	Details of Debris (in cubic		NA
	LE.	meter/MT) if it involves		
				575

		Demolition of existing structure	e			
1		and Plan for re use as per				
		Construction and Demolition				
		waste management Rules 2016,	, If			
		Applicable				
	b.	Total quantity of Excavated ear	rth	37,000		
		(in cubic meter)				
		Quantity of Excavated ear		For back filli	•	
	c.	propose to be used in the Proje		For Landsca	<b>A</b>	
		site (in cubic meter)		For Internal Road making =10,000		
	d.	Excess excavated earth (in cub	oic	NA		
_	u. 	meter)				
		Plan for scientific disposal of		We will stor	re the excess excavated earth next to	
	e.	excess excavated earth along		our project s	ite of our own land and will used for	
	C.	with Coordinate of the site		our future p	rojects.	
		proposed for such disposal		***************************************		
15	W	ATER				
	<u>I.</u>	Construction Phase				
	a.	Source of water		BWSSB		
	b.	1 ~ 3	for	50 KLD		
		Construction in KLD				
	C.	Quantity of water for Domest	tic	5 KLD	•	
	· · ·	Purpose in KLD				
	<u>d.</u>	Waste water generation in KLD		7 KLD		
		Treatment facility proposed as		Mobile sewa	<del></del>	
	e.	scheme of disposal of treate	ed	Treatment P	lant	
		water				
	II.	Operational Phase				
		Total Requirement of Water in		Fresh	144	
	a.	KLD	_	Recycled	78	
				Total	222	
	b.	Source of water		BWSSB		
	C.	Waste water generation in KLD	)	200		
	d.	STP capacity	·	200	****	
	Δ	Technology employed f	for	SBR		
	e.	Treatment				
	f.	Scheme of disposal of exce	ess	Excess treate	ed sewage will be used for avenue	
		treated water if any		plantation.		
16	In:	frastructure for Rain water harv		·		
	3	Capacity of sump tank to store		265m <sup>3</sup>		
	a.	Roof run off				
	1 <sub>h</sub>	No's of Ground water recharge	:	15		
	b.	pits				
17	C	torm water management plan	Enc	closed in EM	P	
1/	3	torm water management plan				



18	3 W	ASTE MANAGEMENT	
	Ī.	Construction Phase	
		Quantity of Solid waste	Inorganic waste will be treated in Organic
	a.	generation and mode of Disposal	convertorand inorganic waste will be given to
		as per norms	authorized vendors.
	II.	Operational Phase	
l		Quantity of Biodegradable waste	296 kg/day of organic waste will be treated in
	a.	generation and mode of Disposal	Organic convertor
-		as per norms	
		Quantity of Non-Biodegradable	196 kg/day of inorganic waste will be given to
	b.	waste generation and mode of	authorized vendors
-		Disposal as per norms	FO COLL / D. I. I DOD II I
	_	Quantity of Hazardous Waste	50-80Lts/one B check given to PCB authorized
	C,	generation and mode of Disposal as per norms	recycler
-		Quantity of E waste generation	40 Kg/year to PCB authorized recyclers
	đ.	waste generation and mode of	40 Kg/ year to 1 CD audionized recyclers
	u.	Disposal as per norms	
19	PC	OWER	
	1	Total Power Requirement -	500 KW
	a.	Operational Phase	
		Numbers of DG set and capacity	220 KVA X 2 nos.
	b.	in KVA for Standby Power	
		Supply	
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel
		Energy conservation plan and	20% we are achieved
	d.	Percentage of savings including	
		plan for utilization of solar	· ·
		energy as per ECBC 2007	
20		RKING  Reguling Regulingment as now	1202
	a.	Parking Requirement as per norms	302
-		Level of Service (LOS) of the	Traffic report is enclosed
	b.	connecting Roads as per the	Traine report is enclosed
	υ.	Traffic Study Report	
-	c.	Internal Road width (RoW)	12.0mts

The Proponent and Environment Consultant attended the 226th meeting held on 11-7-2019 to provide clarification/additional information.

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



noted from the village survey map there is a lake on the northwestern side of the project site and also a tertiary nala on the north western tip of the project site for which the proponent has stated that he has left 30 meter buffer zone as per the recent Hon'ble Supreme court order and the buffer to be left for the tertiary nala gets merged with the buffer zone of lake.

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

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

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

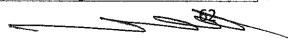
226.25 Proposed Residential Apartment Building project at Sy.No.49 and 50/2, Vajarahalli Village, Uttarahalli Hobli, Bangalore South by M/s. Mahindra Life Space Developers Ltd.,(SEIAA 78 CON 2019)

S1. No	PARTICULARS	INFORMATION	
1	Name & Address of the Project Proponent	Mr. Rahul Gupta M/s. Mahindra LifeSpace Developers Ltd Sy No: 37/2A, Opp to BPL Software, Bannerghatta Road, Arekere village, Bangalore-560076	
2	Name & Location of the Project	Development of Residential Building project at Sy. No. 49 and 50/2, Vajarahalli Village, Uttarahalli Hobli, Bangalore South Taluk.	
3	Co-ordinates of the Project Site	12°52'06.69"N 77°32'31.88"E	
4	Environmental Sensitivity		
ā	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Naletc.,)		
1	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, Applicable.	d er	



- 5	T	ype of Development	Residential Building
		Residential Apartment / Villas	Residential Building
		/ Row Houses / Vertical	
	a.	Development / Office / IT/	
		ITES/ Mall/ Hotel/ Hospital	
		/other	
	7_	Residential Township/ Area	NA
	b.	Development Projects	
6	P	lot Area (Sqm)	31,929.43m <sup>2</sup>
7	В	uilt Up area (Sqm)	98,770.46 m <sup>2</sup>
8	В	uilding Configuration Number	Residential building
	1	f Blocks / Towers / Wings etc.,	Wing A: 2B+G+25UF
		vith Numbers of Basements and	Wing B: 2B+G+28UF
	บ	[pper Floors]	Wing C: 2B+G+25UF
			Wing D: 2B+G+29UF
9	N	lumber of units in case of	NA
		Construction Projects	
10	N	lumber of Plots in case of	531 Units
	R	esidential Township/ Area	
	D	evelopment Projects	
11	P	roject Cost (Rs. In Crores)	215
12	R	ecreational Area in case of	NA
12	R	esidential Projects / Townships	
13	D	etails of Land Use (Sqm)	
	a.	Ground Coverage Area	3,793.58 Sqm(13.01 %)
	b.	Kharab Land	6 Guntas not considered for development
[		Total Green belt on Mother Ear	th 10,536.71 sqm (33.0%)
	c.	for projects under 8(a) of t	
	C,	schedule of the EIA notification	n,
	······································	2006	
	d.	Internal Roads	8mts Width
	e.	Paved area	15,642.22 Sqm (48.99%)
	f.	Others Specify	Road widening Area is 589.62 sqm
		Parks and Open space in case	of NA
	g.	Residential Township/ Ar	ea
		Development Projects	
	h.	Total	
14	14 Details of demolition debris and / or I		or Excavated earth
		Details of Debris (in cubic	100
		meter/MT) if it involves	
		Demolition of existing structure	e
	a.	and Plan for re use as per	in the second se
		Construction and Demolition	
		waste management Rules 2016,	If
1		Applicable	

	b.	Total quantity of Excavated ear (in cubic meter)	th 79	9,000		
		Quantity of Excavated earth	F	or back filli	ng = 40,000	
	c.	propose to be used in the Project		or Landsca <sub>l</sub>	_	
		site (in cubic meter)			Road making =18, 000	
	d.	Excess excavated earth (in cubic meter)		ÍΑ		
		Plan for scientific disposal of	N	ſΑ		
	e.	excess excavated earth along				
	C.	with Coordinate of the site				
	· · · · · · · · · · · · · · · · · · ·	proposed for such disposal				
15	5 W	ATER				
	I.	Construction Phase		,		
	a.	Source of water	B	WSSB STP	treated water	
	b.	, ~	or   10	00 KLD		
	υ.	Construction in KLD				
	c.	Quantity of water for Domestic		) KLD		
	Purpose in KLD					
	d.	Waste water generation in KLD		KLD		
		Treatment facility proposed and		lobile sewa	ge Treatment Plant	
	e.	scheme of disposal of treate	ed			
		water		7.W.		
	II.	Operational Phase		····		
		Total Requirement of Water in		resh	272	
	a.	KLD	R	ecycled	147	
		KLD		otal	419	
	b.	Source of water	B	BWSSB		
	c.	Waste water generation in KLD	38	380 380 KLD		
	d.	STP capacity	38			
	ο .	Technology employed for		3R		
	е.	Treatment				
					LD treated water is used for avenue	
	f.	Scheme of disposal of exce	1 4	plantation and excess is disposed to Existing		
		treated water if any	U	GD	·	
16	lni	rastructure for Rain water harve		<del> </del>		
	a.	Capacity of sump tank to store	85	$5  \mathrm{m}^3$		
-		Roof run off				
	b.	No's of Ground water recharge	20	) No's		
		pits	Tr1			
17		torm water management plan	Encio	sed in EMI		
18		ASTE MANAGEMENT		· · · · · · · · · · · · · · · · · · ·		
	<u>I.</u>	Construction Phase	<del></del>			
1	a.	Quantity of Solid waste	SI	nall be disno	osed through BBMP Authorised	



—Т		and a description and		
		generation and mode of Disposal	vendors.	
-		as per norms		
-	II.	Operational Phase		
		Quantity of Biodegradable waste	485kg/day converted in to organic manure and	
- 1	a.	generation and mode of Disposal	used for garden	
		as per norms		
		Quantity of Non-Biodegradable	324 Kg/day given to PCB authorized recycler	
	b.	waste generation and mode of		
		Disposal as per norms		
		Quantity of Hazardous Waste	50-80 Lts/one B check given to PCB authorized	
1	C.	generation and mode of Disposal	recycler	
		as per norms		
		Quantity of E waste generation	150 Kg/year given to PCB authorized recycler	
	d.	waste generation and mode of		
		Disposal as per norms	·	
19	PC	OWER		
	_	Total Power Requirement -	3000 KVA	
	a.	Operational Phase		
		Numbers of DG set and capacity	750 KVA X 3 nos.	
	b.	in KVA for Standby Power		
		Supply		
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel	
	310111111111111111111111111111111111111	Energy conservation plan and	21% we have achieved	
	1	Percentage of savings including		
ĺ	d.	plan for utilization of solar		
		energy as per ECBC 2007		
2.0	) PA	ARKING		
		Parking Requirement as per	600	
	a.	norms		
ľ		Level of Service (LOS) of the	Traffic report is enclosed	
	Ъ.	connecting Roads as per the		
+		Traffic Study Report	·	
	c.	Internal Road width (RoW)	8 mts	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted from the village survey map there is one lake on the eastern side of the project site for which the proponent has stated that he has left 30 meter buffer zone as per the

recent Hon'ble Supreme Court order. But as per the concept plan a portion of fire driveway, entry and exit runs on the buffer zone for which the proponent has stated that he will put this portion of fire driveway including entry and exit at the elevated level leaving the buffer zone undisturbed except by putting up some columns.

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the condition that if the project is located within the 10 KMs from the boundary of Bannerghatta National Park, the Proponent to submit the map duly authenticated by Chief Wildlife Warden, showing these features vis-à-vis the project location and the recommendation or comments of the Chief Wildlife Warden there on to the Authority.

The committee also imposed the following conditions:

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

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

226.26 Proposed development of Commercial Complex project at Sy.No.55/1 situated at Devarabeesanahalli Village, Varthur Hobli, Bangalore by M/s. Vajram Estates Pvt Ltd., (SEIAA 79 CON 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. Pavan Vajram, Authorized Signatory M/S. Vajram Estates Pvt. Ltd., 3/28/54/1, Brindavan Gardens, Guntur, Andrapradesh-522006		
2	Name & Location of the Project	Proposed Commecrial Complex Sy No. 55/1, Devarabeesanahalli Village, Varthur Hobli, Bangalore.		
3	Co-ordinates of the Project Site	12°55'50.09"N 77°41'16.01"E		
4	Environmental Sensitivity			
í	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Naletc.,)			
	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,		
		Applicable.		Δ
5	T	Type of Development	Co	mmercial Complex
	·	Residential Apartment / Villas		Commercial Complex
		/ Row Houses / Vertical		
	a.	Development / Office / IT/		
		ITES/ Mall/ Hotel/ Hospital		
		/other		
	b.	Residential Township/ Area	1	NA
ļi		Development Projects		
6		lot Area (Sqm)		76.25 m <sup>2</sup>
7		suilt Up area (Sqm)		786.67 m <sup>2</sup>
8		uilding Configuration [	2B-	+G+9 UF
	- 1	Number of Blocks / Towers /		·
		Vings etc., with Numbers of		
		asements and Upper Floors]	3 T A	
9	1 '		NA	<b>A</b>
10		Construction Projects	3. T. A	
10		Number of Plots in case of	NA	A
		Residential Township/ Area		
11		Pevelopment Projects	<u>=0</u>	
11		roject Cost (Rs. In Crores)	50	
12	, ,	lecreational Area in case of	NA	1
13	-t $-$	desidential Projects / Townships		
10	, L	Details of Land Use (Sqm)	<sub> </sub>	1720 21 Cam (36 71%)
	a.	Ground Coverage Area		1729.81 Sqm (26.71%)
	b.	Kharab Land		NA
		Total Green belt on Mother Ear		1298.25 (20.00%) Sqm
	c.	for projects under 8(a) of the		
	_•	schedule of the EIA notification	n,	
		2006		
	<u>d.</u>	Internal Roads		8mts Width
	e.	Paved area		2609.28 Sqm (40.29%)
	f.	Others Specify		> 1
	_	Parks and Open space in case		NA
]	g.	Residential Township/ Ar	ea	. 1
	h.	Development Projects  Total		
14			Ost T	Excavated earth
14	:   L	Details of Debris (in cubic	OI E	NA
	а	meter/MT) if it involves		IND
	a.	Demolition of existing structure	,	·
L		Demondon of existing sureture		

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		and Plan for re use as per Construction and Demolition				
			,			
		waste management Rules 2016, If Applicable				
		Total quantity of Excavated earth	35,000			
	ь.	(in cubic meter)	35,000			
		Quantity of Excavated earth	For back fill	ing = 10,000		
	C.	propose to be used in the Project	For Landsca			
	w	site (in cubic meter)	For Internal	Road making =17, 000		
	d.	Excess excavated earth (in cubic meter)	NA			
-		Plan for scientific disposal of	NA			
		excess excavated earth along	1471			
	e.	with Coordinate of the site		·		
		proposed for such disposal				
 15	W	ATER				
T	I.	Construction Phase	-t			
-	a.	Source of water	Our Evisting	STP or from BWSSB		
ŀ	CL,	Quantity of water for		5 511 01 110111 15 4 7 5 5 5		
	<b>b</b> .	Construction in KLD	100 KLD			
	······································	Quantity of water for Domestic	5 KLD			
	C.	Purpose in KLD	JULID	J KLD		
	d.	Waste water generation in KLD	7 KLD			
,   <del>-</del>	C1.	Treatment facility proposed and	***	Mobile sewage		
İ	e.	scheme of disposal of treated	Treatment Plant			
	С.	water	Treddictie			
-	II.	Operational Phase				
	11.		Fresh	67		
	a.	Total Requirement of Water in	Recycled	37		
	u.	KLD	Total	104		
-	b.	Source of water	KIADB	IOT		
-	с.	Waste water generation in KLD	95			
+	d.	STP capacity	100 KLD			
_	M.	Technology employed for	<del></del>			
	e.	Treatment	SDIX .	SDK		
	f.	Scheme of disposal of excess	Zero Dischar	rge		
		treated water if any	<u> </u>	-		
16	In	frastructure for Rain water harves				
	a.	Capacity of sump tank to store Roof run off	30 KLD			
	b. No's of Ground water recharge pits		10 No's	. ,		
17	' S	· · · · · · · · · · · · · · · · · · ·	nclosed in EM	P		
18	W	ASTE MANAGEMENT	<u></u>			

	Ī.	Construction Phase		
_		Quantity of Solid waste	Shall be disposed through BBMP Authorised	
	a.	generation and mode of Disposal		
		as per norms		
	II.	Operational Phase		
		Quantity of Biodegradable waste	416 kg/day converted in to organic manure and	
	a.	generation and mode of Disposal	used for garden	
		as per norms		
		Quantity of Non-Biodegradable	277 Kg/day given to PCB authorized recycler	
	b.	waste generation and mode of		
_		Disposal as per norms		
		Quantity of Hazardous Waste	1000-1600 Lts/one B check given to PCB	
	C.	generation and mode of Disposal	authorized recycler	
-		as per norms	150 V a (see a since to DCD and to since I see a least	
	d.	Quantity of E waste generation	150 Kg/year given to PCB authorized recycler	
		waste generation and mode of Disposal as per norms		
19	PC	OWER		
<del>1</del>	1	Total Power Requirement -	2000 KVA	
	a.	Operational Phase	2500 24711	
		Numbers of DG set and capacity	750KVA X 3 nos.	
	b.	in KVA for Standby Power		
		Supply		
	c.	Details of Fuel used for DG Set	Low Sulphuric diesel	
		Energy conservation plan and	37.04% we are achieved	
	d.	Percentage of savings including		
	ч.	plan for utilization of solar		
	1 :	energy as per ECBC 2007		
20	PP	ARKING		
	a.	Parking Requirement as per	374	
-		norms	T	
	T <sub>a</sub>	Level of Service (LOS) of the	Traffic report is enclosed	
	b.	connecting Roads as per the		
		Traffic Study Report Internal Road width (RoW)	8 mts	
1	C.	IIICIIIAI INDAU WIUUI (INDVV)	F C/ IIIIO	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee observed from the village survey map that there are two nalas each one at northern side

and southern side. The proponent has stated that the project site is a part of industrial layout formed by KIADB in which all the natural nalas are re-routed and the roadside drains of sufficient capacity have been built by KIADB and hence the proponent claimed that no buffer zone has been mandated as per the recent Hon'ble Supreme Court order.

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

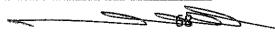
- 1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
- 2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.
- 3. The proponent shall identify suitable place(KIOSK) for collection and storage of E-Wastes generated within the premises and shall be disposed of regularly only with the KSPCB authorised E-waste recyclers.

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

#### **EIA Proposal:**

226.27 Proposed modification & expansion of Residential Apartment "Uber Verdant" at Sy.No.20/1, 20/2, 20/3, 20/5, 21/1B, 24/2, 24/4, 25/6 of Doddakannalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru by M/s. Mana Projects Pvt Ltd(SEIAA 02 CON 2019)

Sl. No.	PARTICULARS	INFORMATION	
1.	Name & Address of the Project Proponent	Mr. Soni General Manager, M/s. Mana Projects Pvt. Ltd., Swamy Legato, No. 20/7, 3 <sup>rd</sup> Floor, Kadubisanahalli, Marathalli Outer Ring Road, Bengaluru - 560 103	
2.	Name & Location of the Project	Uber Verdant – Modification & Expansion of Residential Apartment At Sy. No. 20/1, 20/2, 20/3, 20/5, 21/1B, 24/2, 24/4, 25/4 & 25/6 of Doddakannalli Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru	
3.	Co-ordinates of the Project Site	Latitude : 12 Deg 90 Min 68.57 Sec N	



	$\top$		Lo	ongitude : 77 Deg 70 Min 11.96 Sec E		
4.	. ]	ENVIRONMENTAL SENSITIVIT				
		Distance from periphery of	of	Tertiary Nala is running on the northern part of		
		nearest Lake and other water		the site, therefore 25m buffer has been given		
	a.	bodies (Lake, Rajakaluve, Nal	ł	from the edge of the nala		
		etc.,)				
		Type of water body at th	e	Tertiary Nala is running on the northern part of		
		vicinity of the project site and		the site, therefore 25m buffer has been given		
	1.	Details of Buffer provided a		from the edge of the nala		
	b.	per NGT Direction in O.A 222 c				
		2014 dated 04.05.2016,	if			
		Applicable.				
5.		TYPE OF DEVELOPMENT				
		Residential Apartment / Villas		Residential Apartment - Modification &		
		/ Row Houses / Vertical		Expansion		
	a.	Development / Office / IT/				
		ITES/ Mall/ Hotel/ Hospital /other				
	b.	Residential Township/ Area		NA		
		Development Projects				
6.		Plot Area (Sqm)		9,962.37 Sqm		
7.		Built Up area (Sqm)		64,328.03 Sqm		
				Proposed modification & expansion project is		
8.	- 1	-		coming up with 930 Nos. of residential units in		
				wings with of 2B+GF+13UF.		
	Basements and Upper Floors]			and a life-time of a second residue to		
9.	1	Niimhar at iinite in caea at		roposed modification & expansion project is		
7.				oming up with 930 Nos. of residential units in B+GF+13UF.		
	+	Number of Plots in case of	ZDTGFTI3UF.			
10	. 1 -	Residential Township/ Area		•		
10		Development Projects				
11.		Project Cost (Rs. In Crores)	Rs	s. 10 Crores (Expansion cost)		
		Recreational Area in case of				
12	.   I	Residential Projects /				
		Townships				
13.	. I	DETAILS OF LAND USE (SQM)				
	a.			8,845.48 Sqm		
	b.	Kharab Land		1011.70 Sqm		
		Total Green belt on Moth	ıer	16,188.40 Sqm		
	c.	Earth for projects under 8(a)				
	C.		ÍΑ			
		notification, 2006				
	d.			9,535.24 Sqm		
	e.	Paved area				
,						
				-		

	······································		Road widenin	g area = 135.88 Sqm			
	f.	Others Specify	Civic amenitie	es = 1,948 Sqm			
			Services & Utilities = 2,297.67Sqm				
		Parks and Open space in case of	ms.				
	g.	Residential Township/ Area					
		Development Projects					
	h.	Total	39,962.37Sqm				
14	. D	ETAILS OF DEMOLITION DEBRIS	SAND / OR EX	CAVATED EARTH			
		Details of Debris (in cubic	There is no de	molition work			
		meter/MT) if it involves		·			
		Demolition of existing structure					
	a.	and Plan for re use as per					
		Construction and Demolition					
		waste management Rules 2016,					
		If Applicable					
	Ъ.	Total quantity of Excavated	35,086 m <sup>3</sup>				
	υ.	earth (in cubic meter)					
		Quantity of Excavated earth	35,086 m <sup>3</sup>				
	c.	propose to be used in the Project					
		site (in cubic meter)					
	d.	Excess excavated earth (in cubic	-				
	u.	meter)					
		Plan for scientific disposal of	Excavated soi	l is used within the project site			
		excess excavated earth along					
	e.	with Coordinate of the site					
		proposed for such disposal					
15	. W	ATER					
	I.	I. Construction Phase					
			External Tank	er water suppliers for domestic use			
	a.	Source of water	& STP tertiary	treated water for construction			
	<u>.                                    </u>		activities.				
	b.	Quantity of water for	78 KLD				
	υ.	Construction in KLD					
	C	Quantity of water for Domestic	15 KLD	4 .			
	c.	Purpose in KLD					
	d.	Waste water generation in KLD	14.3KLD				
	-	Treatment facility proposed and		age generated during construction			
	e.	scheme of disposal of treated	phase will be	discharged to UGD			
		water					
	II.	Operational Phase					
		Total Dogginsment of Water :-	Fresh	433 KLD			
	a.	Total Requirement of Water in	Recycled	216 KLD			
		KLD	Total	649 KLD			
	b.	Source of water	BWSSB				
	c.	Waste water generation in KLD	585 KLD				
			the state of the s				

	d.	STP capacity	175 KLD 1 No. & 425 KLD-1No
	2	Technology employed for	or   Sequential Batch Reactor (SBR) Technology
	e.	Treatment	
	,	Scheme of disposal of exce	ss Excess 170 KLD will be given to Avenue
1	f.	treated water if any	plantation / construction works
16	. 11	NFRASTRUCTURE FOR RAINW	
	l	Capacity of sump tank to store	250 m <sup>3</sup> - 1No & 708 m <sup>3</sup> - 1No
	a.	Roof run off	
		No's of Ground water recharge	55 Nos.
	b.	pits	
			Internal garland drains will be provided within
1			the site in order to carry out the storm water into
17	St	orm water management plan	the recharge pits and will be managed within the
	.   ] .	<u> </u>	site, excess runoff will be routed in to the
			external storm water drain.
18	147	ASTE MANAGEMENT	CACCITAL SCOTTI WALLET GIGHT.
10	I.	Construction Phase	
	****	Quantity of Solid waste	The domestic solid wastes will be minimal as
1	a.	<u> </u>	
		generation and mode of	there is no provision of labor colony; the
		Disposal as per norms	generated domestic solid waste will be handed
			over to outside vendors.
'			Construction debris -150 m <sup>3</sup>
			This will be reused within the site for road and
			pavement formation
	II.	Operational Phase	
		Quantity of Biodegradable	1,395 kg/day
	a.	waste generation and mode of	This will be segregated at household levels and
	4	Disposal as per norms	will be processed in proposed organic waste
			converter.
	_	Quantity of Non-Biodegradabl	, 0. 3
	b.	waste generation and mode of	Recyclable wastes will be handed over to
		Disposal as per norms	authorized waste recyclers
			Waste Oil Generation: 0.797 L/ running hour of
		Quantity of Hazardous Waste	DG
	c.	generation and mode of	Hazardous wastes like waste oil from DG sets,
		Disposal as per norms	used batteries etc. will be handed over to the
			authorized hazardous waste recyclers.
		Quantity of E waste generation	E-Wastes will be collected separately & it will be
	d.	waste generation and mode of	handed over to authorized E-waste recyclers for
]		Disposal as per norms	further processing.
19	. PO	OWER	
		Total Power Requirement -	4,360 kW
	a.	Operational Phase	
[			220LV/A 2NIng 8
, I		i Numbers of LA serand cabacu	V 1.32UK V A = 21NOS AT
	b.	Numbers of DG set and capacit in KVA for Standby Power	y   320kVA - 2Nos &   250 kVA 4 Nos

		Supply		all and the second seco	en en en en en en en en en en en en en e		
	c.	Details of Fuel used for DG Set	377.13 l/hr				
			1) Solar heat	ters			
				2) VFD for pumps			
		Energy conservation plan and	3) VFD for li	ifts			
	d.	Percentage of savings including	4) Solar ligh	4) Solar lightings			
		plan for utilization of solar	5) LED	5) LED			
	•	energy as per ECBC 2007	6) CFL				
 			The overall energy savings is around 26.94%				
			from Phase I	Ι.			
20	.   P <i>i</i>	ARKING		· · · · · · · · · · · · · · · · · · ·		,	
	a.	Parking Requirement as per	1,113 Nos.			- [	
	u.	norms			· · · · · · · · · · · · · · · · · · ·		
			Sarjapura	Existing LOS	Changed LOS		
		Level of Service (LOS) of the	Road				
	b.	connecting Roads as per the	towards				
		Traffic Study Report	ORR	D	В		
			Sarjapura	D	В		
	c.	Internal Road width (RoW)	8 m				

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

The Committee after discussion had decided to appraise the proposal as B1 as the built up area is more than 1,50,000 Sqm and had 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) As seen from the record the expansion involves addition 15,116.96 sqmts of BUA with no addition of land and no additional floors. The details of which may be worked out and submitted.
- 2) Compliance to the earlier EC and status of getting it certified may be detailed.
- 3) Management plan to utilise the entire earth generated within the site may be worked out and submitted.
- 4) Utilization of the entire terrace for solar power generation may be worked out and submitted.
- 5) Scheme for utilising maximum treated sewage water to reduce the demand on the fresh water may be worked out and submitted.
- 6) Rain water harvesting/storage details may be worked out.
- 7) Surface hydrological study of surrounding area may be carried out and the carrying capacity of the natural nalas may be worked out in order to ascertain the adequacy in the carrying capacity of the nalas.

- 8) To submit the details of trees already planted and proposed to be planted may be detailed and submitted.
- 9) The applicability of the recent NGT order on buffer zone for water bodies and nalas may be studied and submitted.
- 10) ECBC norms to be fully complied with for design and choice of equipments. Simulation studies to be conducted and quantify the energy savings.
- 11) Carbon footprint to be estimated for construction and operation phase. Suitable offsets to be implemented, quantified and detail calculation to be submitted to try and achieve near zero carbon foot print.
- 12) Traffic simulation studies to be conducted for present and projected traffic densities along with transportation study for construction phase. Traffic plan to be prepared in order to reduce vehicular emissions and project the vehicular emissions through linear air modeling.

Accordingly ToRs were issued on 23-2-2019. The proponent has submitted the EIA Report on 13-6-2019 and same was placed before the committee for appraisal.

The proponent and Environment consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification and additional information.

The committee noted that this proposal is for the expansion of the earlier proposal for which EC was issued during the year 2018. The proponent has stated that there is no addition of land. He has also stated that the concept plan prepared earlier for obtaining EC has been retained as it is without affecting the mandated buffer zones. The expansion mainly includes expansion of basement floors and small additions to the upper floors in the un-tackled three towers. As per the records submitted, the proponent has stated that he has filed regular EC compliance to the Regional Office, MoEF, Bangalore and though the Regional Office, MoEF has visited the site recently, the certified copy has not yet been issued.

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

1) Treatment scheme to reduce the freshwater demand may be reworked and submitted.

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

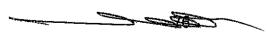
## Fresh subjects:

226.28 Proposed Construction of "WTC Opal" at Sy.Nos.102 & 103 of Mahadevapura Village, K.R PuramHobli, Bangalore East Taluk, Bangalore by M/s. Bagmane Developers Pvt Ltd(SEIAA 80 CON 2019)

SI. No.	PARTICULARS	INFORMATION		
'1	Name & Address of the Project Proponent	M/s. Bagmane Developers Pvt. Ltd. Lake View 'A' Block, 8 <sup>th</sup> Floor Bagmane Tech Park, C.V. Raman Nagar Bengaluru - 560093.		
2	Name & Location of the Project	"Bagmane - WTC OPAL" - Proposed Commercial Building of M/s. Bagmane Developers Pvt. Ltd., Sy. No. 102 & 103 of Mahadevapura Village, K.R. Puram Hobli, Bengaluru East Taluk, Bengaluru.		
3	Co-ordinates of the Project Site	Sl.No         North Latitude         East Longitude           1         N:12°59′12.12″         E:77°41′47.05″           2         N:12°59′13.19″         E:77°41′48.51″           3         N:12°59′13.52″         E:77°41′50.00″           4         N:12°59′9.88″         E:77°41′50.10″           5         N:12°59′9.63″         E:77°41′47.36″		
4	<b>Environmental Sensitivity</b>	· · · · · · · · · · · · · · · · · · ·		
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	<ul> <li>Lake – 0.11 km towards NNE</li> <li>Nakkundi Lake – 0.45 km towards NW</li> </ul>		
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.			
5	Type of Development			
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other	Commercial Offices		
b.	Residential Township/ Area Development Projects			
6	Plot Area (Sqm)	10,509.15 Sqm		
7	Built Up area (Sqm)	Total BUA = 93,417.24 Sqm		
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of	3B +G+14 floors		

	Basements and Upper Floors	
	Number of units in case of	
9	!	e0 ba
	Construction Projects	
,	Number of Plots in case of	
10	Residential Township/ Area	
	Development Projects	
		Total project Cost: 195 Crores
11	Paris (Cart (Paris Carra)	Land Cost: 25 Crores
11	Project Cost (Rs. In Crores)	Construction Cost, Plant & Machinery: 170
;		Crores
	Recreational Area in case of	
12	Residential Projects / Townships	
13	Details of Land Use (Sqm)	
a.	Ground Coverage Area	3678.20 Sqm
b.	Kharab Land	3078.20 3qm
D.		4000 03 C
	Total Green belt on Mother Earth	ļ <u>1</u>
c.	for projects under 8(a) of the	· -
	schedule of the EIA notification	
	2006	
d.	Internal Roads	1520 Sqm
e.	Paved area	1843 Sqm
f.	Others Specify	
	Parks and Open space in case of	£
g.	Residential Township/ Area	
0	Development Projects	
h.	Total	10509.15Sqm
14	Details of demolition debris and	
	Details of Debris (in cubic	
ŀ	meter/MT) if it involves	
	Demolition of existing structure	i
	i C	•
a.	and Plan for re use as per	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	Construction and Demolition	4
	waste management Rules 2016, If	
	Applicable.	
b.	Total quantity of Excavated earth	207000cum
	(in cubic meter)	
	Quantity of Excavated earth	63600cum
c.	propose to be used in the Project	t
[ ,	site (in cubic meter)	
	Excess excavated earth (in cubic	143400cum
d.	meter)	
	Plan for scientific disposal of	f mer
ł	excess excavated earth along	
e.	with Coordinate of the site	<b>1</b>
٠.	proposed for such disposal	
	proposed for such disposar	

I.	Construction Phase				
1		Construction Phase			
a. Source of water		Bangalore Water Supply and Sewerage Board (BWSSB).			
b.	Quantity of water for Construction in KLD	20 KLD			
c.	Quantity of water for Domestic Purpose in KLD	10 KLD			
d.	Waste water generation in KLD	8.5 KLD			
e.	Treatment facility proposed and scheme of disposal of treated water	· · · · · · · · · · · · · · · · · · ·			
II.	Operational Phase				
a.	Total Requirement of Water in KLD	388 KLD			
b.	Source of water	Bangalore Water Supply and Sewerage Board (BWSSB) for drinking purpose.			
c.	Waste water generation in KLD	321			
d.	STP capacity	325 KLD			
e.	Technology employed for Treatment	MBBR technology			
f.	Scheme of disposal of excess treated water if any				
16	Infrastructure for Rain water harv	esting			
a.	Capacity of sump tank to store Roof run off	140 cum			
b.	No's of Ground water recharge pits	3 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	Solid waste from Proposed Non residential office building unit will be sent to OWC waste collection and disposal system.			
II. Operational Phase					
		0.9 MT/day & will be treated in OWC.			
b.	Quantity of Non - Biodegradable waste generation and mode of Disposal as per norms	0.6 MT/day Waste will be disposed by authorized recyclers.			



		recyclers.		
	·			
	Quantity of Hazardous Waste	Disposed to pollution control board		
c.	generation and mode of Disposal as per norms	approved reprocessor.		
d.	Quantity of E waste generation and mode of Disposal as per norms	E waste will be handed over to the approved and authorized KSPCB E-Waste recyclers.		
19	Power			
a.	Total Power Requirement - Operational Phase	5200 KVA from BESCOM.		
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	DG set of capacity 5 X 1500 KVA for back- up.		
C.	Details of Fuel used for DG Set	HSD		
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Low loss Copper wound Transformers HF Ballast in place of conventional ballast T5/T8/LED lights for lighting against conventional fluorescent lamps. Energy Saving – 20.84 % for Commercial Offices		
20	PARKING			
a.	Parking Requirement as per norms	Total Car parking provided = 1215 No's.		
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report			
C.	Internal Road width (RoW)	Min 8 mtrs		

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee observed from the village survey map that there is one water body on the eastern side of the project site and a nala on the northern side of the project site for which the

proponent has stated that he has left the buffer zone as mandated by the Hon'ble Supreme court.

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

1) The proponent to submit the land conversion order from Residential purpose to Commercial purpose.

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

226.29 Proposed Residential Apartment at Sy.No.357(P), Khata No.13254/357, Hosakote Village, Kasaba Hobli, Bangalore Rural District by Mr. J. Chandrashekar & Mr. J. Saravana(SEIAA 81 CON 2019)

C.	· · · · · · · · · · · · · · · · · · ·	
SI. PARTICULARS		INFORMATION
No		
		Mr. J.Chandrashekar&
]	Name & Address of the Project	Mr. J.Saravana
1 1	Proponent	(Authorised Signatory Partners)
	Tioponent	No 34, ITI Layout, B.Narayanapura,
		Dooravaninagar Post, Bangalore – 560 016
		Proposed Residential Apartment by Mr. J.
	Name & Landian of the Duringt	CHANDRASHEKAR & Mr. J. SARAVANA, at Sy
2	Name & Location of the Project	No. 357(Part), Khata No. 13254/357, Hosakote
		Village, Kasaba Hobli, Bangalore Rural District.
	C 11 . C.f. D Cit	Longitude: 77°46'40.26"E
3	Co-ordinates of the Project Site	Latitude: 13° 4'16.85"N
4	Environmental Sensitivity	
	Distance from periphery of	Hosakote Lake - 0.52 kms (W)
	nearest Lake and other water	Dandupalya Pond- 4.07 kms (E)
a.	bodies (Lake, Rajakaluve, Nala	Alappanahalli Lake - 1.30 kms (NE)
	etc.,)	,
	Type of water body at the	There is no lake within 75 meter from the site
}	vicinity of the project site and	boundary.
]   _	Details of Buffer provided as per	
b.	NGT Direction in O.A 222 of	
	2014 dated 04.05.2016, if	
	Applicable.	
5	Type of Development	
	Residential group housing/	Residential Apartment
a.	Villas / Row Houses / Vertical	
·		

Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other		Villas / Row Houses / Vertical	
ITES/Mall/ Hotel/ Hospital / other			
Jother   Residential Township / Area   Development Projects		1	
Development Projects			
Development Projects		Residential Township / Area	No
Flot Area (Sqm)   7,537.17 sq.m   22,850.55 sq.m   22,850.55 sq.m   22,850.55 sq.m   22,850.55 sq.m   22,850.55 sq.m   22,850.55 sq.m   22,850.55 sq.m   22,850.55 sq.m   23,850.55 sq.m   23,850.55 sq.m   24,850.55 sq.m   24,850.55 sq.m   24,850.55 sq.m   24,850.55 sq.m   25,850.55 sq.m   25,8	b.		
Built Up area (Sqm)   22,850.55 sq.m	6		7,537.17 sq.m
Building Configuration I Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]  Busements and Upper Floors   Ground Floor + 4 Upper Floors + Terrace Floor with total of 159 units. The site area is 7,537.17 sq.m. The Gross BUA is 22,850.55 sq.m.  Number of units in case of Construction Projects  Number of Plots in case of Residential Township / Area Development Projects  Project Cost (Rs. In Crores)   46Crores  Recreational Area in case of Residential Projects / Townships  Recreational Area in case of Residential Projects / Townships  Building Configuration I Number of Blocks / Townsh 159 cm.  Total Number of Plots in the state of Units is 159Nos.  ACCORDANCE   Project Cost (Rs. In Crores)   46Crores   Playground area   420.65sq.m. And Senior Citizen allocated area   360.205q.m. Park area   780.85Sq.m. (10.36% of Net plot area);  Details of Land Use (Sqm)   3,423.83 sq.m (45.43%)   Nil   2,487.27sq.m (33.00%)    C. C. State of the EIA notification, 2006   District of the schedule of the EIA notification, 2006   District of the EIA notification, 2006   Parks and Open space in case of Residential Township / Area Development Projects   NA   Details of demolition debris and / or Excavated earth   Details of Debris (in cubic meter / MT) if it involves   Demolition of existing structure   a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable   Applicable	7		
Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors   Ground Floor + 4 Upper Floors + Terrace Floor with total of 159 units. The site area is 7,537.17 sq.m. The Gross BUA is 22,850.55 sq.m.    Number of units in case of Construction Projects   Number of Plots in case of Number of Plots in case of Residential Township / Area Development Projects   Project Cost (Rs. In Crores)   46Crores   Playground area - 420.65sq.m. And Senior Citizen allocated area - 360.205q.m. Park area = 780.855q.m. (10.36% of Net plot area);   Nil		Building Configuration [	Construction of Residential Apartment project
Wings etc., with Numbers of Basements and Upper Floors    Ground Floor + 4 Upper Floors + Terrace Floor with total of 159 units. The site area is 7,537.17 sq.m. The Gross BUA is 22,850.55 sq.m.	Ì		comprising of 1 building having 1 Basement +
Basements and Upper Floors] with total of 159 units. The site area is 7,537.17 sq.m. The Gross BUA is 22,850.55 sq.m.  Number of units in case of Construction Projects  Number of Plots in case of Residential Township/ Area Development Projects  11 Project Cost (Rs. In Crores)  Recreational Area in case of Residential Projects / Townships  13 Details of Land Use (Sqm)  a. Ground Coverage Area b. Kharab Land Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006  d. Internal Roads e. Paved area f. Others Specify Parks and Open space in case of Residential Township/ Area Development Projects h. Total  Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	8	Wings etc., with Numbers of	
Sq.m. The Gross BUA is 22,850.55 sq.m.		, –	
Construction Projects   Number of Plots in case of Residential Township/ Area Development Projects   11 Project Cost (Rs. In Crores)   46Crores   12 Recreational Area in case of Residential Projects / Townships   Playground area - 420.65sq.m. And Senior Citizen allocated area - 360.205q.m. Park area = 780.855q.m. (10.36% of Net plot area);   13 Details of Land Use (Sqm)			sq.m. The Gross BUA is 22,850.55 sq.m.
Construction Projects   Number of Plots in case of   Residential Township/ Area   Development Projects   11   Project Cost (Rs. In Crores)   46Crores   12   Recreational Area in case of   Residential Projects / Townships   Playground area - 420.65sq.m. And Senior Citizen allocated area - 360.205q.m. Park area - 780.85Sq.m. (10.36% of Net plot area);   13   Details of Land Use (Sqm)     2.487.27sq.m. (10.36% of Net plot area);     2.487.27sq.m. (33.00%)       2.487.27sq.m. (33.00%)     2.487.27sq.m. (		Number of units in case of	
10   Residential Township / Area   Development Projects   11   Project Cost (Rs. In Crores)   46Crores   12   Recreational Area in case of Residential Projects / Townships   Playground area - 420.65sq.m. And Senior Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   13   Details of Land Use (Sqm)   Nil   Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006   Internal Roads   1,626.07 (21.57%)   Parks and Open space in case of Residential Township / Area Development Projects   NA   Parks and Open space in case of Residential Township / Area Development Projects   Na   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   Applicable	9	Construction Projects	
Development Projects  11 Project Cost (Rs. In Crores)  Recreational Area in case of Residential Projects / Townships  13 Details of Land Use (Sqm)  a. Ground Coverage Area b. Kharab Land Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006  d. Internal Roads e. Paved area f. Others Specify Parks and Open space in case of Residential Township / Area Development Projects h. Total  Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable		Number of Plots in case of	
11   Project Cost (Rs. In Crores)   46Crores   Recreational Area in case of Residential Projects / Townships   Playground area - 420.65sq.m. And Senior Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);     13	10	Residential Township/ Area	
Recreational Area in case of Residential Projects / Townships  13 Details of Land Use (Sqm)  a. Ground Coverage Area b. Kharab Land  Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006  d. Internal Roads e. Paved area f. Others Specify Parks and Open space in case of Residential Township / Area Development Projects h. Total  Details of demolition debris and / or Excavated earth  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		Development Projects	
Residential Projects / Townships    Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Call Color Color Color Color Color Color Color No.   Citizen allocated area - 360.20Sq.m. Park area = 780.85Sq.m. (10.36% of Net plot area);   Call Color Co	11	Project Cost (Rs. In Crores)	46Crores
Residential Projects / Townships   Citizen allocated area - 360.205q.m. Park area = 780.85Sq.m. (10.36% of Net plot area);		Pagestional Auguin gass of	Playground area - 420.65sq.m. And Senior
Details of Land Use (Sqm)	12		Citizen allocated area - 360.20Sq.m. Park area
a. Ground Coverage Area b. Kharab Land Nil Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 d. Internal Roads e. Paved area f. Others Specify Parks and Open space in case of g. Residential Township/ Area Development Projects h. Total 7,537.17sq.m.  14 Details of demolition debris and / or Excavated earth 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		Residential Projects / Townships	=780.85Sq.m. (10.36% of Net plot area);
b. Kharab Land Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006  d. Internal Roads e. Paved area f. Others Specify Parks and Open space in case of g. Residential Township/ Area Development Projects h. Total Total  Details of demolition debris and / or Excavated earth  Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	13	Details of Land Use (Sqm)	
Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006  d. Internal Roads	a.	Ground Coverage Area	3,423.83 sq.m (45.43%)
c. for projects under 8(a) of the schedule of the EIA notification, 2006  d. Internal Roads 1,626.07 (21.57%)  e. Paved area - f. Others Specify - Parks and Open space in case of g. Residential Township/ Area Development Projects  h. Total 7,537.17sq.m.  14 Details of demolition debris and / or Excavated earth Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	b.	Kharab Land	Nil
c. schedule of the EIA notification, 2006  d. Internal Roads 1,626.07 (21.57%)  e. Paved area - f. Others Specify - Parks and Open space in case of g. Residential Township/ Area Development Projects h. Total 7,537.17sq.m.  14 Details of demolition debris and / or Excavated earth  Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable		Total Green belt on Mother Eart	h 2,487.27sq.m (33.00%)
d. Internal Roads 1,626.07 (21.57%) e. Paved area - f. Others Specify - Parks and Open space in case of Residential Township/ Area Development Projects h. Total 7,537.17sq.m.  14 Details of demolition debris and / or Excavated earth 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		for projects under 8(a) of th	e
d. Internal Roads e. Paved area f. Others Specify Parks and Open space in case of g. Residential Township/ Area Development Projects h. Total 7,537.17sq.m.  Details of demolition debris and / or Excavated earth  Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	.	schedule of the EIA notification	l,
e. Paved area f. Others Specify Parks and Open space in case of Residential Township/ Area Development Projects h. Total 7,537.17sq.m.  Details of demolition debris and / or Excavated earth Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable			
f. Others Specify Parks and Open space in case of Residential Township/ Area Development Projects h. Total 7,537.17sq.m.  14 Details of demolition debris and / or Excavated earth Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	<u>d.</u>		1,626.07 (21.57%)
g. Residential Township/ Area Development Projects h. Total 7,537.17sq.m.  14 Details of demolition debris and / or Excavated earth  Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable		<del></del>	_
g. Residential Township/ Area Development Projects h. Total 7,537.17sq.m.  14 Details of demolition debris and / or Excavated earth  Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	<u>f.</u>		<b>*</b>
Development Projects  h. Total 7,537.17sq.m.  14 Details of demolition debris and / or Excavated earth  Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable			
h. Total 7,537.17sq.m.  14 Details of demolition debris and / or Excavated earth  Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	g.		a
14 Details of demolition debris and / or Excavated earth  Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable			
Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable  No demolition is involved.  No demolition is involved.			
meter/MT) if it involves Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	14		
Demolition of existing structure a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable		1	No demolition is involved.
a. and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable			<b>\</b>
Construction and Demolition waste management Rules 2016, If Applicable			
waste management Rules 2016, If Applicable	a.		
Applicable			
			f
b.   Total quantity of Excavated earth   21,286.28cu.m.			
	<u>b.</u>	Total quantity of Excavated earth	n   21,286.28cu.m.

	(in cubic meter)			
	Quantity of Excavated earth	21,286.28cu.r	n.	
c				
	site (in cubic meter)			
	Excess excavated earth (in cubic	Nil		
d	meter)			
	Plan for scientific disposal of	No disposal		
-	excess excavated earth along	1		
e.	with Coordinate of the site			
	proposed for such disposal			
15	WATER			
I.	Construction Phase			
a.	Source of water	From Nearby	treated water suppliers	
b	Quantity of water for	50 KLD		
	Construction in KLD			
c.	Quantity of water for Domestic	10 KLD		
	Purpose in KLD			
<u>d</u>		8 KLD		
	Treatment facility proposed and		generated during the construction	
e.		phase will be	treated in the Mobile STP	
	water			
	Operational Phase			
	Total Requirement of Water in	Fresh	33.60	
a.	KLD	Recycled	41.52+35.78= 77.3	
		Total	110.90	
b.		BWSSB	105.36KLD 125 KLD	
d.	· · · · · · · · · · · · · · · · · · ·			
<u>a</u> .				
е.	Technology employed for Treatment	r   SBR Technology		
	Treatment	No Dienocal	The treated water will be reused for	
	Scheme of disposal of excess		ng, landscaping in the project site,	
f.	treated water if any		avenue plantation and Reuse after treating with	
	detical valer if any		and reverse osmosis	
16 Infrastructure for Rain water harvesting				
	Capacity of sump tank to store	185cu.m.		
a.	Roof run off			
1.	No's of Ground water recharge	20 Nos.		
b.	pits			
		The storm wate	er from the site will be collected by	
17	Storm water management plan	rainwater harv	esting system and will be used for	
		recharging the	ground water	
18	WASTE MANAGEMENT	and the second s		
I.	Construction Phase			



a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 80 Nos.  Per capita of waste generated = 0.4 kg/day  Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.	
II.	Operational Phase		
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	190.80kg/day. Biodegradable waste will be converted in organic convertor.	
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	127.20kg/day. Non-Biodegradable waste will be handed over to authorized recyclers	
c,	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil	
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	E-waste generation will be very less	
19 I	POWER		
a.	Total Power Requirement - Operational Phase	750 kVA	
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 750 kVA	
c.	Details of Fuel used for DG Set	HSD .	
Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007		<ul> <li>Energy saved by using Solar water Heater: 75,000 kWH/ Year(a)</li> <li>Solar Power Generation: In non-monsoon season 200kWH x 30 x 8 Months = 48,000kWH</li> <li>In monsoon season 100kWH x 30 x 4 Months = 12,000 kWH</li> <li>Total SPV Power Generation in a year = 0.60 L kWH / Annum(b)</li> <li>Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.75 + 0.6 L KWH = 1.35 L / Annum(c)</li> <li>Total energy savings = 26.4%</li> </ul>	
20 I	PARKING		
a.	Parking Requirement as per norms	One car spacing for 1unitsas the floor area is between 50 sq.m. to 225 sq.m= 159+10% visitors Parking required is 159+16cars= 175 Nos	

		Total car Parking required as per NBC= 175 Parking Provided is 175Ecs which is as Per NBC
		and MoEF Norms
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	NH 207-LOS - B
c.	Internal Road width (RoW)	4.5m

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

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

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

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

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

226.30Proposed Residential Development Project at Sy.No.53, Kogilu Village, Yelahanka Hobli, Bangalore North Taluk by M/s. Bhartiya City Developers Pvt Ltd(SEIAA 82 CON 2019)

The proposal was placed before the committee for appraisal.

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

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

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

# 226.31 Proposed Development of Residential Apartment located at Sy.No.1/3, 1/4, 1/5B, Chikkanayakanahally Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru District by Mr. Santhosh Thazhathu(SEIAA 83 CON 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Santhosh thazhathu. No. 18/1A1, Doddakannelli, Carmelram Post, Bangalore-560035
2	Name & Location of the Project	Development of Residential Apartment At Sy No. 1/3, 1/4, & 1/5B, Chikkanayakanahally Village, Varthur Hobli, Bengaluru East Taluk, Bengaluru
3	Co-ordinates of the Project Site	Latitude : 12°53′32.10″ N Longitude: 77°41′33.06″ E
4.	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Halanayakanahalli lake 0.60 Km - N Raysandra lake- 2.40 Km- SW Hosa kere- 2.90-SW Lake dew Lake- 2.90 km- W Harlur lake- 2.70km- W Kaikondrahalli lake- 2.80km - NW
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	
5	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other	Development of Residential Apartment
b.		Not Applicable
6	Plot Area (Sqmt)	9,717.00 sqmt.
7	Built Up area (Sqmt)	20,994.25 Sqmt.
8	Building Configuration [Number of Blocks/Towers/Wingsetc.,with Numbers of Basements and Upper Floors]	GF+4UF+TF
9	Number of units in case of Construction Projects	168units
10	Number of Plots in case of	Not Applicable

	Residential Township/ Area		
	Development Projects		
11	Project Cost (Rs. In Crores)	30 Crores	
12	Recreational Area in case of Residential Projects / Townships	Not Applicable	
13	Details of Land Use (Sqmt)		
a.	Ground Coverage Area	3612.45 Sqmt	
b.	Kharab Land		
	Total Green belt on Mother Earth for	3206.61 Sqmt	
c.	projects under 8(a) of the schedule of		
	the EIA notification, 2006		
d.	Internal Roads		
e.	Paved area	2897.94 Sqmt	
f.	Others Specify	and)	
	Parks and Open space in case of	Not Applicable	
g.	Residential Township/ Area		
	Development Projects		
h.	Total	9717.00 Sqmt	
14	Details of demolition debris and / or I	Excavated earth	
	Details of Debris (in cubic	Not Applicable since it is new project	
	meter/MT) if it involves Demolition		
	of existing structure and Plan for re		
a.	use as per Construction and		
	Demolition waste management Rules		
	2016, If Applicable		
b.	Total quantity of Excavated earth (in	1,800 Cum	
υ.	cubic meter)		
	Quantity of Excavated earth propose	1,800 Cum completely utilised within the	
c.	to be used in the Project site (in cubic	project site	
	meter)	·	
d.	Excess excavated earth (in cubic	There is no excess excavated earth	
u.	meter)		
		Backfilling, foundation, road area and for	
e.	excavated earth along with	gardening	
C.	Coordinate of the site proposed for		
	such disposal		
15	WATER		
<u>I.</u>	Construction Phase		
a.	Source of Water	TP treated water for construction purpose & anker water for domestic	
	<u> </u>	O KLD	
b.	Construction in KLD		
Quantity of water for Domestic 5 KLD		KLD	
C. Purpose in KLD			



d.	Waste water generation in KLD	4 KLD		
	Treatment facility proposed and	·		
e.	scheme of disposal of treated	1		
	water			
II.	Operational Phase			
	Total Requirement of Water in	Fresh	46 KLD	
a.	KLD	Recycled	38 KLD	
	KLD	Total	114 KLD	
b.	Source of water		nahally Gram Panchayath	
C.	Waste water generation in KLD	97 KLD		
d.	STP capacity	100 KLD		
e.	Technology employed for Treatment	Sequencing	Batch Reactor (SBR) Technology	
f.	Scheme of disposal of excess	30 KLD of e	excess water is sent for ultra filtration and	
1.	treated water if any	is reused.		
16	Infrastructure for Rain water har	vesting		
a.	Capacity of sump tank to store	2×60 cum		
a.	Roof run off			
b.	No's of Ground water recharge	21 no's		
	pits			
17	Storm water management plan		is gently sloping terrain and sloping	
			s North West direction.	
			e and independent rainwater drainage	
			will be provided for collecting rainwater	
			rrace and paved area, lawn & roads.	
			ter collection tank of capacity 2×60cum is	
			ed which will be provided to collect the	
		treatme	n off, which will be reused after prior	
			ber of recharge pits will be provided to e the ground water within the site; excess	
		1	during the monsoon period finds its way	
			nal storm water drain	
18	WASTE MANAGEMENT	1 27221		
I.	Construction Phase			
	Quantity of Solid waste	Quantity -	25 kg/day	
a.	generation and mode of	,	e will be collected manually and handed	
	Disposal as per norms	over to local body for further processing		
II.	Operational Phase			
	Quantity of Biodegradable waste	Quantity	-151Kg/day	
	generation and mode of Disposal			
a.	as per norms	separately and processed in organic was		
	·	converter		
		Sludge ge	enerated from STP of capacity 4.5 kg/day	

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		will be reused as manure for greenery development		
		purpo	oses.	
	Quantity of Non- Biodegradable	Quantity ~ 227Kg/day		
b.	waste generation and mode of	Recyc	lable waste will be given to the waste	
	Disposal as per norms	collec	tors for recycling for further processing.	
	Quantity of Hazardous Waste	Waste	e oil generated from the DG sets will be	
C.	generation and mode of Disposal		ted in leak proof barrels and handed over to	
, ,	as per norms	the at	ıthorized waste oil recyclers.	
	Quantity of E waste generation	E-Wa	stes will be collected & stored in bins and	
d.	waste generation and mode of	dispo	sed to the authorized & approved KSPCB E-	
	Disposal as per norms	waste	processors.	
19	POWER			
	Total Power Requirement -Operational		BESCOM - 500 kVA	
a.	Phase			
b.	Numbers of DG set and capacity in		1X380 kVA	
D.	KVA for Standby Power Supply			
c.	Details of Fuel used for DG Set		Diesel	
	Energy conservation plan		Energy conservation devices such as Solar	
d.	Percentage of savings including plan for		energy, LED lights, Copper wound	
u.	utilization of solar energy as per ECBC		transformer are proposed in the project.	
	2007		Overall energy saving is 20.5%.	
20	PARKING			
a.	Parking Requirement as per norms		Required = 185 no's, Provided = 186 no's	
b.	Level of Service (LOS) of the conne	_	В	
υ,	Roads as per the Traffic Study Rep	ort		
c.	Internal Road width (RoW)		Approach road width - 9.14 m	
٠,	Internal Road Width (Row)		Internal road width is-4 m	

The Proponent and Environment Consultant attended the 226th meeting held on 11-7-2019 to provide clarification/additional information.

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

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

1. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.

2. 15% of the parking space shall be reserved for electric vehicles with recharging facility.

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

# Additional Agenda for 226<sup>th</sup> Meeting of SEAC scheduled to be held on 11<sup>th</sup> July 2019. EIA Appraisal:

226.32 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 10<sup>th</sup> 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 -	25.18	Nil (Vacant for future expansion
	Future Expansion		
Sector D	Residential Plots -	74.28	Nil (Vacant for future expansion)
	Future Expansion		
	Total	359.11	35,01,009.60

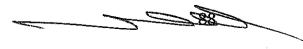
WB2

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
4	SECTOR D	74.28	NIL	NIL	done post EC till date

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	Błock-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
<b>2</b> 8	Błock-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	3,22,422
	Two Office Buildings	
3	Construction in Block - M 3	1,90,964
	Two Office Buildings	
4	Construction in Block - F1	99,263
	One Office Building	
5	Construction in Block - L4	88,943
	One Office Building	
	Total Area (Sq.m)	8,99,239

Ground Coverage Statement of the Proposed construction in Sector A.

Description	Area	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 STP Design (Total capacity) Block) = 4000 KLD

= 3500 KLD (Will be provided in Modules for each

# B. POWER REQUIREMENT

From Grid

= 72 MVA.

DG sets = About 45 DG Sets of about 72,000 KVA (DG sets capacitites 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 paln 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 a 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 148Acres 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 guntasof 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 applicibality 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 =(total KHW/year)/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.
- 15) As the site is situated nearer to AAI and Jakkur flying school, the NOC from the concerned authority may be obtained.

Accordingly ToRs were issued on 27-5-2019. The proponent has submitted the Final EIA report on 25-6-2019 and the same was placed before the committee for appraisal.

The proponent and Environment consultant attended the 226th meeting held on 11-7-2019 to provide required clarification and additional information. The committee noted from the village survey map there is a nala in the land of 19 Acres 24 guntas directly purchased by the proponent for which the proponent has stated that he has left 25 meters buffer zone on either side of the nala.

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

- 1) Additional ToR points No.3, 4,7,9,11,12 to be reworked out and submitted.
- 2) Land use and land cover analysis of the project area using high resolution satellite image to be prepared and submitted.
- 3) The proponent to submit the details for additional RWH storage tanks capacity as agreed by him.

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

# With the permission of Chairman:

226.33 Proposed "Grey Granite Quarry" over an area of 2.50 Acres at Sy.No.21/3 in Parasapura Village, Kushtagi Taluk and Koppal District by Sri Mohiudeen Basha K Hunachangi(SEIAA 293 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. Mohiudeen Basha K. Hunachagi S/o. Khaja hussain sab, Hospet Galli, Ward No.4, KEB Road, Ilkal Taluk, Bagalkot District Karnataka.
2	Name & Location of the Project	Grey Granite Quarry of Sri. Mohiudeen Basha K. Hunachagi Over an extent of 2.0 acres 20 guntas (2.50 Acres). Survey No. 21/3 of Parasapura Village, Kushtagi Taluk, Koppal District Karnataka. The said quarry is located at about 1.3 Km NNE of the Kalalbandi Village.
3	Co-ordinates of the Project Site	Latitude: N 15°46′ 58.3″ to N 15°47′04.01″ Longitude: E 76°03′ 55.45″ to E 76°03′ 57.8″
4	Type of Mineral	Grey Granite
5	New / Expansion / Modification / Renewal	New Quarry
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Whether the project site fall within ESZ/ESA	No



8	Ar	ea in Ha	1.01		
		tual Depth of sand in the lease			
9		ea in case of River sand	-		
4.0		pth of Sand proposed to be			
10	3	noved	-		
44	An	unual Production Proposed	3,071 m <sup>3</sup>		
11	(M	etric Tons/ CUM) / Annum			
12		antity of Topsoil/Over burden	28169m <sup>3</sup>		
		cubic meter	20107111		
13	1	neral Waste Handled (Metric	5,704m <sup>3</sup>		
13	To	ns/ CUM)/ Annum	5,70±111		
14		oject Cost (Rs. In Crores)	0.25		
15	En	vironmental Sensitivity			
	a.	Nearest Forest	_		
		Nearest Human Habitation	Kalalbandi – 1.3kms		
	c.	Educational Institutes,	Primary Schools are located at Parasapura		
		Hospital	village. The hospitals, colleges, places of		
			worship community facilities etc., are located		
			at Kushtagi town which is at a distance of 20		
			kms by road from the lease area. However, the		
			major Hospital, Colleges etc. facilities are		
			available at Koppal.		
			A small rain water collection pond is located at		
	d.	Water Bodies	the distance of 2.8 km towards west from the		
			lease area near yelbenchi village.		
	**********	Other Specify	-		
1		plicability of General			
16	i	ndition of the EIA	No		
		tification, 2006			
17	De	tails of Land Use in Ha			
	a.	Area for Mining/ Quarrying	0.44		
	b.	Waste Dumping Area	0.32		
	c.	Top Soil Storage Area	-		
	d.	Mineral Storage Area	0.14		
	e.	Infrastructure Area	-		
	f.	Road Area	-		
	g.	Green Belt Area	1.98		
	h.	Unexplored area	-		
	i.	Others Specify	-		
18		ethod of Mining/ Quarrying	Open cast - manually & Semi mechanised.		
19	Wa	nter Requirement			
<u> </u>	a.	Source of water	Drinking & Domestic Purpose		
	b.	Total Requirement of Water	Dust 20		

		Domestic	1
		Other	2
		Total	23
20	Storm water management plan	_	

The Proponent and Environment Consultant attended the 226th meeting held on 11-7-2019 to provide clarification/additional information.

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

As seen from the quarry plan there is a level difference of 13 meters within the mining area and taking this into consideration the committee opined that the proposed gross quantity of 44,056 cum can be mined safely and scientifically for a plan period of five years. As per the mining plan the recovery is 35% and 65% is the wastage for which the proponent has stated that he will convert this into building stone by taking necessary permission from the concerned authorities and the same has been reflected in the mining plan

As per the cluster sketch approved by DMG there are three leases including this lease within the 500 meter radius and the total area of which is 2.83 Ha., and this being less than 5 Hectares the committee decided to categorise this proposal under B2 category and proceeded with the appraisal accordingly. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 450 meters connecting lease area to all weather road and this cart track road is 50 meter away from the lease area for which the proponent has stated that the land between lease area and cart track road belongs to proponent himself and he will form the approach road connecting lease area to existing cart track road.

As far as CER is concerned, the proponent has stated, that he will earmark Rs.7.50 lakhs to rejuvenate Kalalbandi tank which is at a distance of 1.3 KM from the lease area.

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

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

226.34Proposed building Stone Quarry Project at Sy.No.199 of Devarayasamudra Village, Mulabagilu Taluk, Kolar District (5-00 Acres) by Sri. R Prabhakar (SEIAA 454 MIN 2019)

SI. No	PARTICULARS		INFORMA	TION	
1	Name & Address of the Project Proponent	Sri. R. Prabhakar S/o M. B. Ramaiah Nehru Extension Malur Taluk, Kolar District			
2	Name & Location of the Project	Building Stone Quarry in 5-00 Acres of Govt. Land bearing Sy. No.199 of Devarayasamudra Village in Mulabagilu Taluk, Kolar District, Karnataka			
3	Co-ordinates of the Project Site	C. P A B C D	Latitude N 13°08′10.1″ N 13°08′08.9″ N 13°08′05.5″ N 13°08′06.9″	Longitude E 78°19′34.3″ E 78°19′36.6″ E 78°19.31.6″ E 78°19′26.9″	
4	Type of Mineral	Buildin	g Stone		
5	New / Expansion / Modification / Renewal	New Q	uarry		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt I	Land		
7	Whether the project site fall within ESZ/ESA	No			
8	Area in Acres	5-00acr	es	٤	
9	Actual Depth of sand in the lease area in case of River sand	NA			
10	Depth of Sand proposed to be removed in case of River sand	NA.			
11	Rate of replenishment in case of river sand mining as specified in	NA			

	the	sustainable sand mining		1
	guideline 2016			
		asurements of the existing	NA	
	quarry pits in case of			
12	ongoing/expansion/modification			•
	of mining proposals other than			
	river sand			
13	An	nual Production Proposed	1,00,069 (Avg.	) Tons/ Annum
13	(M	etric Tons/ CUM) / Annum	4	
14		antity of Topsoil/Over burden	None	
14	in cubic meter			
15	Mineral Waste Handled (Metric		5,267 Tons/A	nnum
13	Tor	ns/ CUM)/ Annum		
16		oject Cost (Rs. In Crores)	0.60	
17	Env	vironmental Sensitivity		
	a.	Nearest Forest	<del></del>	udra Forest-460m
	b.	Nearest Human Habitation	<del></del>	udra village-1.5 Km
	c.	Educational Institutes,	Mulabagilu-10.0 Km	
•		Hospital		
:	d.	Water Bodies	Devarayasamudra Kere-1.8 km W	
1			Guttur Kere-2. KM E-NE	
			Ganagapura k	Kere-2.48 Km E-SE
	e.	Other Specify		-
	Ap	plicability of General	None	
18	Condition of the EIA Notification,			
	200	06		
19	Det	tails of Land Use in Hectares		
	A	Quarry working Area	1.40	
ļ	В	Road	0.14	
	C	Dump yard	0.08	
	D	Buffer Zone	0.40	
20	N	Method of Mining/ Quarrying	Opencast Semi-mechanized	
21	Rat	e of Replenishment in case	NA	
21		er sand project		
22		ter Requirement		
	a.	Source of water	Nearby Bore v	well Water
			Dust	3.60KLD
	b.	Total Requirement of Water in KLD	Suppression	
,			Domestic	0.40KLD
			Other	3.00 KLD
			Total	7.00 KLD
23	Storm water management plan		Will be carried	d out.
24	Any other information specific to None			
		-		

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 226th meeting held on 11-7-2019 to provide clarification/additional information.

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

As per the extended combined sketch prepared by the DMG there are two other leases with a total area of 15 Acres and the leases for the same were granted prior to 9-9-2013 and based on this the proponent claimed that these two leases are exempted from the cluster effect. The only other lease being this lease which is under appraisal is of 5 Acres area and which being less than the threshold limit of 5 Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the quarry plan approved by DMG there is a level difference of 5 meters and taking this into consideration the committee opined that 80% of the proposed quantity of 1,98,000 cum or 5,26,681 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 20 meters.

The proponent has stated that there is a existing cart track road to a length of 750 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.7.50 lakhs towards rejuvenation of Devarayasamudra kere which is at a distance of 1.80 KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA subject to condition that the discrepancies in the GPS readings in the presentation copy and quarry plan to be rectified and submitted to the authority.

The committee also imposed the following conditions:

- 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.

226.35 Proposed Building Stone Quarry Project at Sy.No.42 of Naganala Village, Kolar Taluk, Kolar District (6-00 Acres) by Sri. R Prabhakara(SEIAA 462 MIN 2019)

		T		
Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. R. Prabhakar S/o M. B. Ramaiah Nehru Extension Malur Taluk, Kolar District		
2	Name & Location of the Project	Building Stone Quarry in 6-00 Acres of Patta Land bearing Sy. No. 42 of Naganala Village in Kolar Taluk, Kolar District, Karnataka		
3	Co-ordinates of the Project Site	C. P A B C D E F G H	Latitude N 13°11′10.97″ N 13°11′10.66″ N 13°11′09.78″ N 13°11′09.61″ N 13°11′07.77″ N 13°11′06.91″ N 13°11′03.48″ N 13°11′08.11″	Longitude E 78°03′31.56″ E 78°03′35.55″ E 78°03′35.49″ E 78°03′38.08″ E 78°03′36.11″ E 78°03′40.40″ E 78°03′44.86″ E 78°03′32.09″
4	Type of Mineral	Building Stone		
5	New / Expansion / Modification / Renewal	New Quarry		
6	Type of Land [Forest, Government Revenue, Gomala, Private/Patta, Other]	Patta. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	6-00acres		
9	Actual Depth of sand in the lease area in case of River sand	NA		
<b>10</b> ′	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		nual Production Proposed etric Tons/ CUM) / Annum	1,00,271 (Avg.	) Tons/ Annum
14	Quantity of Topsoil/Over burden in cubic meter		None	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		10,555 Tons/Annum	
16		ject Cost (Rs. In Crores)	0.60	
17		vironmental Sensitivity		:
	a.	Nearest Forest	None within 10 Km	
	b.	Nearest Human Habitation	Naganala villa	age-1.5 KM N-W
	c.	Educational Institutes, Hospital	Kolar-15.0 Km	
	<del></del>		Chakkahalli Kere-4.2 Km SE	
				Kere-2.0 Km S
	d.	Water Bodies	0 0	Stat forest-4.5 Km SE
			Baiyappanahalli State Plantation reserved	
			Forest-1.8 Km	E-NE
				_
	e.	Other Specify		**
	Ap	plicability of General	None	
18	Cor	adition of the EIA Notification,		
	2006			
19	Details of Land Use in Hectares			
	A	Quarry working Area	1.40	
]	В	Road	0.13	
	С	Stack yard	0.20	
	D Buffer Zone		0.70	
20	Method of Mining/ Quarrying		Opencast Sem	i-mechanized
21	Rate of Replenishment in case		NA	
<b>Z1</b>	Riv	er sand project		:
22	Wa	ter Requirement		
	a.	Source of water	Nearby Bore v	well Water
		,	Dust	3.90 KLD
	ъ.	Total Requirement of Water in KLD	Suppression	
			Domestic	0.60KLD
]			Other	3.50 KLD
			Total	8.00 KLD
23		rm water management plan	Will be carried out.	
24	Any other information specific to the project (Specify)		None	

The Proponent and Environment Consultant attended the 226th meeting held on 11-7-2019 to provide clarification/additional information.

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

As per the extended combined sketch prepared by the DMG there are no other quarries within the 500 meters from the lease area. The area of lease which is under appraisal is 6 Acres and this being less than the threshold limit of 5 Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the quarry plan approved by DMG there is a level difference of 25 meters and taking this into consideration the committee opined that the proposed quantity of 2,37,600 cum or 6,32,015 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 15 meters.

The proponent has stated that there is a existing cart track road to a length of 1.20 KM connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.10.00 lakhs towards rejuvenation of Danamotihalli kere which is at a distance of 2.0 KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance subject to condition that the discrepancies in the GPS readings in the presentation copy and quarry plan to be rectified and submitted to the authority.

The committee also imposed the following conditions:

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

226.36 Proposed Building Stone Quarry Project at Sy.No.9(P) of Pandithanahalli Village, Tumkur Taluk, Tumkur District over an area of 0-85 Ha) by Noorulla Khan (SEIAA 405 MIN 2019)

SI No	PARTICULARS	INFORMATION			
1	Name & Address of the Project Proponent	Noorulla Khan 395,Prasanna Anjaneya Trust, Kunigal Bypass, Behind Bhavani Shankar Hotel, NelamangalaTq., Bangalore Rural Dist.			
2	Name & Location of the project	Pandithanahalli Village,		2,	
		TumkurTq&Dist			
3	Coordinates of the project site	Points		Latitude	
		0	77008′59.0″	13020'17.1"	
		X	77009'16.4"	13020′16.2″	
		Y	77º09'21.6"	13020'18.9"	
		A	77009'22.84"	13º20′30.10″	
		В	77°09′25.79″	13º20′29.30″	
		С	77009'25.81"	13º20′27.32″	
		D	77009'24.95"	13020'26.10"	
		E	77009'22.57"	13º20′27.47″	
4	Type of mineral	Building Stone			
5 New / Expansion / Modification / New					
	Renewal	<u> </u>			
6	Type of land (Forest, Governemnt	Govt land			
	Revenue, Gomal, Private / patta,				
	Other)				
7	Whether the project site fall within ESZ / ESA	No			
8	Area in Ha	0.85			
9	Actual depth of sand in the lease area in case river sand	NA			
10	Depth of sand proposed to be removed	NA .			
11	Rate of replenishment in case of	NA		<u> </u>	
	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 the	NA (Fresh area)			



13 / () 14 () 15 M // 16 F	Nearest human habitation     Educational institutions,	130000 TPA  Nil  1300TPA  0.50  Reserve forest - 5.00 kms Tumkur-3.40 km Tumkur-3.40 km
14 C iii 15 M / 16 F 17 E	Quantity of top soil / over burden n cubic meter Mineral waste handled (metric tons / CUM) / Annum Project cost (Rs. in crore) Environment sensitivity  Nearest forest  Nearest human habitation  Educational institutions,	1300TPA  0.50  Reserve forest - 5.00 kms  Tumkur-3.40 km
14 C iii 15 M / 16 F 17 E	Quantity of top soil / over burden n cubic meter Mineral waste handled (metric tons / CUM) / Annum Project cost (Rs. in crore) Environment sensitivity  Nearest forest  Nearest human habitation  Educational institutions,	1300TPA  0.50  Reserve forest - 5.00 kms  Tumkur-3.40 km
15 M / 16 F 17 E	Mineral waste handled (metric tons / CUM) / Annum Project cost (Rs. in crore) Environment sensitivity  n. Nearest forest  o. Nearest human habitation  c. Educational institutions,	0.50  Reserve forest – 5.00 kms  Tumkur–3.40 km
16 F 17 E	CUM) / Annum Project cost (Rs. in crore) Environment sensitivity  Nearest forest  Nearest human habitation  Educational institutions,	0.50  Reserve forest – 5.00 kms  Tumkur–3.40 km
16 F 17 F	Project cost (Rs. in crore) Environment sensitivity  a. Nearest forest  b. Nearest human habitation  c. Educational institutions,	Reserve forest – 5.00 kms Tumkur–3.40 km
17 E	Environment sensitivity  a. Nearest forest  b. Nearest human habitation  c. Educational institutions,	Reserve forest – 5.00 kms Tumkur–3.40 km
	n. Nearest forest o. Nearest human habitation o. Educational institutions,	Tumkur-3.40 km
1 4	Nearest human habitation     Educational institutions,	Tumkur-3.40 km
<del></del>	Educational institutions,	<u> </u>
	1	L Liggrad Printer 13 / ICE Prints
C	i hoenital	Tumkur-3.40 km
	hospital  Nater bodies	Lake - 1.12 Kms (SW)
	c. Others specify	NA
	Applicability of General Condition	INA
	of the EIA Notification, 2006	
	Details of land use in acres	
а		0.62
b	o. Waste dumping area	-
С	FT- 47 .	-
d		ЛЬ
e		-
f.	. Road area	
g	g. Green belt area / buffer zone	0.23
h		_
i.		-
20 N	Method of mining / quarrying	Semi mechanized open cast method
	Rate of Replenishment in case	NA
	River sand project	
	Vater requirement	
а	. Source of water	Borewell
b	o. Total requirement of water in KLD	5 KLD
23 S	Storm water management plan	Drains will be constructed along the
		boundary of activity area
24 A	Any other information specific to	NA
	he project (specify)	committee for appraisal as not the abo

The Proponent and Environment Consultant attended the  $226^{th}$  meeting held on 11-7-2019 to provide clarification/additional information.



The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. noted that this is an existing quarry lease which was granted during the year 1995. The proponent has stated that he has mined from 1995 to 2010 and mining was closed from 2010 to till date. As far as the quantity of mining already carried out the proponent has stated that he has obtained Audit report issued by DMG wherein it is stated that the quantity of mining during 2010 is 5,500 tons and no further quarrying has been carried out after 2010. To assess the quantity of mineral already extracted the proponent has not come up with any audit report from 1995 to 2010. However, committee decided to assess the quantity at the rate of 5,500 tons every year since 1995 upto 2010. The proponent has stated that he has obtained NoCs from Forest and Revenue Departments. As per the quarry plan there is a level difference of 40 meter within the mining area and taking this into consideration along with the quantity mined for 15 years at the rate of 5,500 tons/year the committee opined that the proposed quantity of 1,30,000 tons or 46,428 cum can be mined safely and scientifically.

As seen from the index map that the lease area is located at 200 meters from state highway(SH-94) and which is as per the requirement.

As per the combined sketch approved by DMG, there are four quarries including this quarry whose leases were granted prior to 9-9-2013. On the strength of this, proponent has claimed that his lease is exempted from cluster effect.

As far as approach road is concerned the proponent has stated there is an existing cart track road, which connects the lease area to SH-94 which is at a distance of 200 meters.

As far as CER is concerned the proponent has earmarked Rs.2.5 lakes to take up works in connection of fire protection and afforestation in the adjacent forest land in consultation with the concerned authorities.

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

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

# 226.37 Proposed Building Stone Quarry Project at Sy.No.64 of Yelagondahalli Village, Mulbagal Taluk, Kolar District (6-00 Acres) by Sri C. Srirama Reddy (SEIAA 441 MIN 2019)

		Т	Park Park Park Park Park Park Park Park	
SI. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri C. Srirama Reddy S/o Chawdappa, Jannagatta Village, Sagaturu Hobli, Kolar Taluk, Kolar District, Karnataka.		
2	Name & Location of the Project	"Building Stone Quarry" of Sri C. Srirama Reddy Sy No: 64, Yelagondahalli Village, Mulbagal Taluk, Kolar District, Karnataka.		
		Boundary WGS 84 Spherical Points Co-ordinates		dinates
		A A A A A A A A A A A A A A A A A A A	Latitude 13°05'15.58"N	Longitude 78°17'50.53"E
3	Co-ordinates of the Project Site	B	13°05'14.67"N	78°18'59.46"E
		Č	13°05'11.61"N	78°18'59.66"E
		ď	13°05'12.63"N	78°18'51.09"E
		Ref. 1	13°05'15.68"N	78°17'44.42"E
		Ref. 2	13°05'06,98"N	78°17′57.69″E
4	Type of Project	Building Stone		
5	New / Expansion / Modification / Renewal	Renewal (QL	No.864)	
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	2.42 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.		
12	Measurements of the existing	It's a Fresh Land		

	T	arra nila in casa of		
	quarry pits in case of			
	ongoing/expansion/modification			
	of mining proposals other than river sand			
	Annual Production Proposed		1.84.067 Tong nor annum	
13	(Metric Tons/ CUM) / Annum		1,84,067 Tons per annum	
			No toposil to be proposed during plan poried	
14	Quantity of Topsoil/Over burden in cubic meter		No topsoil to be proposed during plan period	
		<del></del>	2.756Tong paraphym	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		3,756Tons per annum	
16		oject Cost (Rs. In Crores)	3.01crores	
17		vironmental Sensitivity	3.orcrores	
17	a.	Nearest Forest	None within 5 kms	
	b.	Nearest Human Habitation		
	D.	Tyearest Human Habitation	Yelagondahalli -1.0 Kms(nE)  The pearest post and telegraph office hospital	
		Educational Institutes, Hospital	The nearest post and telegraph office, hospital,	
	C.		schools, police station is situated in Kolar–18.79 Kms (NW)	
	-		Devarayasamudram Lake -5.84 Kms (N)	
-	d. Water Bodies		Mulbagal Lake – 12.5 kms (NE	
	e. Other Specify			
		plicability of General	NA	
18	Condition of the EIA			
	Notification, 2006			
19		tails of Land Use in Acres		
	a.	Area for Mining/ Quarrying	4-32	
	b.	Waste Dumping Area	0-04	
	c.	Top Soil yard		
1	d.	Mineral Storage Area	0-08	
	e.	Infrastructure Area	0-02	
	f.	Road Area	0-02	
	g.	Green Belt Area	0-32	
	h.	Unexplored area		
	i.	Others Specify	nets.	
20		1ethod of Mining/ Quarrying	Semi Mechanised Method	
	+	te of Replenishment in case	NA	
21	River sand project			
22	<del>(</del>			
<u> </u>	a.	Source of water	Borewell from the village	
			Dust Suppression 9.7KLD	
	b.	Total Requirement of Water in KLD	Domestic 0.6 KLD	
			Other 1.0 KLD	
			Total 11.3 KLD	
00	C.		Drains will be constructed along the boundary of	
23	Storm water management plan activity area		, ,	

Any other information specific to NA the project (Specify)

24

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 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is an existing lease for which lease was granted in the year 2008. The proponent has stated that he has carried out the mining from 2008-2014 and stopped mining since then till date. In this regard proponent submitted an audit report certified by DMG.

As per the quarry plan approved by DMG there is a level difference of 6 meters. Taking this into consideration the committee opined that 90% of the proposed quantity of 3,46,000 cum or 9,20,336 tons can be mined safely and scientifically to a quarry pit depth of 20 meters.

The proponent has stated that since his lease was granted prior to 9-9-2013, his lease is exempted from cluster effect.

The proponent has stated that there is a existing cart track road to a length of 360 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.20.00 lakhs towards rejuvenation of Yalagondahalli lake which is at a distance of 220 meter from the lease area.

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

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

## 226.38 Proposed Building Stone Quarry Project at Sy.No.64 of Yellagondanahalli Village, Mulbagal Taluk, Kolar District (4-00 Acres) by M/s. Balaji Granites (SEIAA 445 MIN 2019)

- C1	1			
Sl. No	PARTICULARS	INFO	RMATION	
1	Name & Address of the Project Proponent	B. Bagavan Singh No. 39, Balaji Nilaya, 16th Cross, Gayathri Layout, Basavanapaura Main Road, K. R. Puram, Bangalore - 560036		
2	Name & Location of the Project	"Building. Stone Quarry" of M/s Sri. Balaji Granites Sy No: 64, Yellagondanahalli Village, Mulbagal Taluk, Kolar District, Karnataka.		
		Latitude	Longitude	
		13°05'15.50"N	78°17'52.29"E	
3	Co-ordinates of the Project Site	13°05'18.66"N	78°17'52.48"E	
		13°05'18.26"N	78°17'57.70"E	
		13°05'14.98"N	78°17'57.77"E	
4	Type of Project	Building Stone	The state of the s	
5	New / Expansion / Modification / Renewal	Renewal(QL No- 863)		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government GomalaI	Land	
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.62Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA	•	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than	It's a Fresh Land		

	riv	ver sand		18-9-19-19-19-19-19-19-19-19-19-19-19-19-1
	Ar	nnual Production Proposed	1,38,990Tonne	esper Annum.
13	1	Tetric Tons/ CUM) / Annum		<b>r</b>
14	Qı	uantity of Topsoil/Over burden	n No topsoil to be proposed during plan period	
	<b></b>	ineral Waste Handled (Metric	2,836 tons per	annım
15	4	ns/ CUM)/ Annum	2,000 tons per	
16	Pr	oject Cost (Rs. In Crores)	5.84 crores	
17	En	Environmental Sensitivity		
	a.	Nearest Forest	None within	10km
	b.	Nearest Human Habitation	Yellagondana	halli village-1.00Kms(N)
	c.	Educational Institutes, Hospital		post and telegraph office, hospital, e station is situated in Kms (NE)
	d.	Water Bodies		alli Pond-5.5Kms(N) amPalar Dam-8.3Kms(SE)
	e.	Other Specify		
	Ar	oplicability of General	NA	
18	Co	ndition of the EIA		
	No	otification, 2006		
19	9 Details of Land Use in Acres			
	a.	Area for Mining/ Quarrying	3-04	
	b.	Waste Dumping Area	0-04	
	c.	Top Soil yard	· cor ess	
	d.	Mineral Storage Area	0-06	•
	e.	Infrastructure Area	0-02	
	f.	Road Area	0-02	the state of the s
	g.	Buffer Area	0-22	the state of the s
	h.	Unexplored area		
· · · · · · · · · · · · · · · · · · ·	i.	Others Specify		· · · · · · · · · · · · · · · · · · ·
20	1	Method of Mining/ Quarrying	Semi Mechani	ised Method
21	Ra	te of Replenishment in case ver sand project	NA	
22		ater Requirement		
	a.	Source of water	Borewell from	n the village
			Dust	9.9KLD
		Total Requirement of Water	Suppression	
	b.	in KLD	Domestic	1.5 KLD
		HI KLD	Other	1.3 KLD
			Total	12.7 KLD
ာဒ	CL.		Drains will be	constructed along the boundary
23	οm	orm water management plan	of activity are	
24	An	y other information specific to	NA	



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 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is an existing lease for which lease was granted in the year 2008. The proponent has stated that he has carried out the mining from 2008-2014 and stopped mining since then till date.

As per the quarry plan approved by DMG there is a a level difference of 5 meters and taking this into consideration and also the fact that he has already mined 40,100 tons from 2008-2014, the committee opined that the proposed quantity 2,61,260 cum or 6,94,552 tons can be mined safely and scientifically to a quarry pit depth of 15 meters.

The proponent has stated that since his lease was granted prior to 9-9-2013, his lease is exempted from cluster effect.

The proponent has stated that there is a existing cart track road to a length of 380 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.8.00 lakhs towards rejuvenation of Yalagondahalli lake which is at a distance of 300 meter from the lease area.

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

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

226.39 Proposed Building Stone Quarry Project at Sy.No.199 of Devaraya Samudra village, Mulbagal Taluk, Kolar District (4-00 Acres) by Sri. S. Kumar (SEIAA 446 MIN 2019)

Sl.	PARTICULARS	INFORMATION

No		
1	Name & Address of the Project Proponent	Sri S Kumar S/o Subbanna, Chamanahalli Village & Post, Uthur Hobli, Kolar taluk and District
2	Name & Location of the Project	"Building Stone Quarry" of Sri S Kumar Sy No. 199, Devaraya Samudra Village, Mulbagilu taluk, Kolar district
3	Co-ordinates of the Project Site	Latitude:N 13° 07' 39.14" Longitude:E 78° 19' 15.07"
4	Type of Mineral	Building Stone Quarry
5	New / Expansion / Modification / Renewal	Renewal (QL No.922)
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	1.61На
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	820.45m Existing pit level
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,85,251 Tons per annum
14	Quantity of Topsoil/Over burden in cubic meter	There is Notopsoil Available in this area.
15	Mineral Waste Handled (Metric Tons/ CUM)	4,023Tons per annum
16	Project Cost (Rs. In Crores)	0.35crores



17	Environmental Sensitivity			
	a.	Nearest Forest	Kasipur State	Forest-5.15 Km E
	b.	Nearest Human Habitation	Devarayasam	udra Village - 2.00 Kms (NW)
,	c.	Educational Institutes, Hospital	Mulabagilu – 8.00 kms (NE)	
	d.	Water Bodies		Kere-1.11 Km N Kere-1.96 Km N
	e.	Other Specify		
18	Co No	plicability of General ndition of the EIA tification, 2006		
19	De	tails of Land Use in Acres		
	a.	Area for Mining/ Quarrying	3-02	
	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	0-02	
	g.	Green Belt Area/Buffer Zone	0-29	
	h.	Unexplored area		
	i.	Others Specify	m=	
20	N	Method of Mining/ Quarrying	<del></del>	sed Method Open quarrying
21		Rate of Replenishment in case River sand project	NA	
22	Wa	iter Requirement		
	a.	Source of water	· ·	er : Borewell from the village sion: River Water
		Total Requirement of Water	Dust Suppression	5.2 KLD
	b.	in KLD	Domestic	0.8 KLD
		in KLD	Other	0.5 KLD
			Total	6.5 KLD
23	Sto	rm water management plan	Drains will be constructed along the boundary of activity area	
24		y other information specific the project (Specify)	nformation specific NA	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

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

approved filling plan and

clarification/additional information provided during the meeting. The committee noted that this is an existing lease for which lease was granted in the year 2009. The proponent has stated that he has carried out the mining from 2009-2015 and stopped mining since then till date for which the proponent submitted an audit report certified by DMG.

As per the quarry plan approved by DMG there is a a level difference of 4 meters and taking this into consideration and also the fact that he has already mined 23,700 tons from 2009-2015, the committee opined that 50% of the proposed quantity of 3,48,215 cum or 9,26,254 tons can be mined safely and scientifically to a quarry pit depth of 15 meters.

The proponent has stated that since his lease was granted prior to 9-9-2013, his lease is exempted from cluster effect.

The proponent has stated that there is a existing cart track road to a length of 580 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.8.00 lakhs towards rejuvenation of Cholanagunte lake which is at a distance of 450 meter from the lease area.

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

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

226.40Proposed Building Stone Quarry Project at Sy.No.199 of Devaraya Samudra Village, Mulbagal Taluk, Kolar District(2-20 Acres) by Sri. T.V Srinivasa (SEIAA 447 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri. T.V. Srinivasa S/o. Sri. Thimmarayappa Virupakshi Post Mulbagal Taluk, Kolar District Karnataka



NI NI CO		"Building Stone Quarry" of Sri. T.V. Srinivasa
O NICOLO O T CO		
2 Name & Location of t	he Project	Sy No. 199, Devaraya Samudra Village,
	ne i roject	
		Mulbagilu taluk, Kolar district
		Latitude:N 13° 07' 33.98"
3   Co-ordinates of the Pr	oject Site	Longitude:E 78° 19' 10.61"
4 Type of Mineral		Building Stone Quarry
New / Expansion / N	lodification	Renewal (QL No.928)
/ Renewal		
Type of Land [Forest	,	Government Land
6 Government Revenue		
Private/Patta, Other]	,	
	**************************************	No
Whether the project si	te fall	
within ESZ/ESA		
8	,,,_,_,_,_,_,_,_,_,_,_,_,_,_,_,	1.01Ha
Area in Ha		
Actual Depth of sand	in the lease	NA
area in case of River s		
10 Depth of Sand propos	ed to be	NA
removed		
Rate of replenishment	•	It's a Building Stone Quarry
river sand mining as s		
the sustamable sand r	nining	
guideline 2016		
Measurements of the	existing	825.12m Existing pit level
quarry pits in case of	1.0	·
12 ongoing/expansion/i		
of mining proposals o	tner tnan	
river sand Annual Production Pr	onosod	1,12,547Tons per annum
13 (Metric Tons/ CUM)	- :	1,12,047 Tons per annum
Quantity of Topsoil/C		There is Notopsoil Available in this area.
in cubic meter		The state of the s
Mineral Waste Hand	ed (Metric	2,836Tons per annum
Tons/ CUM)	Tons/ CUM)	
	· · · · · · · · · · · · · · · · · · ·	
· · · · · · · · · · · · · · · · · · ·	The state of the s	
a. Nearest Forest		Kasipur State Forest-5.4 Km E
b. Nearest Human H		Devarayasamudra Village – 2.00 Kms (NW)
c. Educational Instit	utes,	Mulabagilu – 8.50 kms (NE)

		Hospital		
	d.	Water Bodies	Devarayasam	udraKere- 1.12 NW
	a.	water bodies	Tattanagunte	Kere-1.29 Km N-NE
L	e.	Other Specify	~~	
	Ar	plicability of General		
18	Co	ndition of the EIA		
		otification, 2006		
19	De	tails of Land Use in Acres		
	a.	Area for Mining/ Quarrying	1-32	
	b.	Waste Dumping Area	0-02	
	c.	Top Soil Storage Area		
	d.	Mineral Storage Area	0-02	
	e.	Infrastructure Area	0-01	
	f.	Road Area	0-01	
	g.	Green Belt Area/Buffer Zone	0-22	
	h.	Unexplored area		
	i.	Others Specify		
20	N	Method of Mining/ Quarrying	Semi Mechani	ised Method Open quarrying
21		Rate of Replenishment in	NA	
		case River sand project		
22	W	nter Requirement		
	a.	Source of water	-	er : Borewell from the village
		Source of Water		sion: River Water
			Dust	5.8 KLD
	١.	Total Requirement of Water	Suppression	
	b.	b. in KLD	Domestic	1.2 KLD
			Other	0.5 KLD
			Total	7.5 KLD
23	Sto	orm water management plan	1	constructed along the
			boundary of a	ctivity area
24	1	y other information specific	NA	
	to t	the project (Specify)		·

The Proponent and Environment Consultant attended the 226th meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is an existing lease for which lease was granted in the year 2010. The proponent has stated that he has carried out the mining from 2012-2015 and stopped

71.6

mining since then till date for which the proponent submitted an audit report certified by DMG. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As per the quarry plan approved by DMG there is a level difference of 3 meters and taking this into consideration and also the fact that he has already mined 17,500 tons from 2012-2015, the committee opined that 30% of the proposed quantity of 2,11,555 cum or 5,62,737 tons can be mined safely and scientifically to a quarry pit depth of 10 meters.

The proponent has stated that since his lease was granted prior to 9-9-2013, his lease is exempted from cluster effect.

The proponent has stated that there is a existing cart track road to a length of 520 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.3.00 lakhs towards rejuvenation of Cholanagunte lake which is at a distance of 650 meter from the lease area.

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

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

226.41Proposed Hulikatti Building Stone Quarry Project at Sy.No.92/1(P) of Hulikatti Village, Belgaum Taluk, Belgaum District (2-09 Acres) by M/s.Pawan Metal Syndicates(SEIAA 458 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/S PAWAN METAL SYNDICATES Sri Pawan B Udapudi, #399 Ward No;01 Kadarakoppa Road, Lokapur Mudhol Taluk Bagalkot-587122.
2	Name & Location of the Project	Hullikatti Village, Belagaum Taluk Belagaum District, Karnataka



		A N 15° 47' 52.1" E74° 37' 57.2"		
		B N 15° 47' 56.5" E74° 37' 55.9"		
3	Co-ordinates of the Project Site	C N 15° 47' 55.6" E74° 37' 53.3"		
	,	D N 15° 47' 56.5" E74° 37' 53.0"		
		E N 15° 47′ 57.6" E74° 37′ 56.8"		
		F N 15° 47′ 54.3" E74° 37′ 58.2"		
	· .	G N 15° 47′ 52.9" E74° 37′ 58.4"		
4	Type of Mineral	Building Stone.		
5	New / Expansion / Modification / Renewal	New.		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Land.		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	2 A-09 G (0.8987 Ha) Sy No:92/1(p)		
	Actual Depth of building stone in	Depth of building stone in Private land -20mt(		
9	the lease area /Patta Land building stone	from top level).		
	Depth of building stone proposed	Depth of building stone proposed-15mt (from		
10	to be removed	top level)		
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Maximum -133426 TPA and Minimum production 2906 TPA		
12	Quantity of Topsoil/Over burden in cubic meter	Max Waste-7022 TPA and Minimum-153 TPA		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil		
14	Project Cost (Rs. In Crores)	25Lakh		
15	Environmental Sensitivity			
	a. Nearest Forest	Nil with in 5km.		
	b. Nearest Human Habitation	Hullikatti -1.10 km		
	Educational Institutes,	Belagaum-30km		
	C. Hospital			
	d. Water Bodies	Nala near Hullikatti village -1.10km		
	e. Other Specify	Nil		
	Applicability of General			
16	Condition of the EIA			
L	Notification, 2006			

17	De	Details of Land Use in A-G		
	a.	Area for Mining/ Quarrying	1-16	
	b.	Waste Dumping Area	and the	
	c.	Top Soil Storage Area		
	d.	Mineral Storage Area		
	e.	Infrastructure Area	Are saft	
	f.	Road Area	0-01	
	g.	Green Belt Area	and com	
	h.	Others Specify Safety Zone	0-32	
		Total	2 A-09 G (0.89	987Ha)
18	N	Method of Mining/Quarrying	Semi Mechani	sed Quarrying
19	Wa	iter Requirement		
	a.	Source of water	Near By Own	Borwell.
			Dust	10.0
		Total Paguinament of Water	Suppuration	
	b.	b. Total Requirement of Water in KLD	Domestic	1.0
			Other	1.5
			Total	12.5
20	Sto	rm water management plan		

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

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

As per the quarry plan approved by DMG there is a level difference of 20 meters and taking this into consideration the committee opined that the proposed quantity of 1,03,550 cum or 2,75,444 tons can be mined safely and scientifically to a quarry pit depth of 10 meters.

As per the cluster map approved by DMG there are four leases including this lease and out of which EC was granted for two leases prior to 15-1-2016 and based on this the proponent claimed that these two leases are exempted from cluster effect and the combined area of the remaining two leases including this lease is 6.34 Acres which is less than the threshold limit of 5 Ha. and hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.



The proponent has stated that there is a existing cart track road to a length of 300 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.6.00 lakhs towards building of checkdam across natural nalas which is at a distance of 1.2 KM from the lease area.

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

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

226.42Proposed Sanikere Building Stone Quarry over an extent of 8A -15 G at Sy.No.46/P1 & 46/P2, Sanikere Village, Challakere Taluk & Chitradurga District by M/s. PNC Infratech Limited(SEIAA 466 MIN 2019)

Sl. No	PARTICULARS	INFORMATION	
		PNC INFRATECH LTD	
1	Name & Address of the Project	Vittal Nagar, Challakere	
•	Proponent	Chitradurga.	
**************************************		Samikere Village, Challakere Taluk	
2	Name & Location of the Project	Chitradurga District, Karnataka	
3	Co-ordinates of the Project Site	1 N 14º12' 20.71" E 76º41'02.01"	
		2 N 14°12′22.81″ E 76°40′54.92″	
		3 N 14º12′18.00″ E 76º40′53.39″	
		4 N 14º 12'16.06" E 76º 41'00.54"	
4	Type of Mineral	Building Stone.	
5	New / Expansion / Modification / Renewal	New	

6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Land.
7	Whether the project site fall with in ESZ/ESA	No
8	Area in Ha	8 A-15 G (3.39Ha) Sy No: 46/P1 & 46/P2
9	Actual Depth of building stone in the lease area / Patta Land building stone	Depth of building stone in Private land -30mt( from top level).
10	Depth of building stone proposed to be removed	Depth of building stone proposed-20 mt (from Surface level)
11	Annual Production Proposed (Metric Tons/ CUM) / Annum	Max -8,00,002 Tons,Min-1,002,82Tons for 03 years
12	Quantity of Topsoil/Over burden in cubic meter	Waste-Max-42105 TPA and Min-5278 TPA
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil
14	Project Cost (Rs. In Crores) 90 Lakh	
15	Environmental Sensitivity	
	a. Nearest Forest	Challakere Reserve forest 12.0 km .
!	b. Nearest Human Habitation	Sanikere -2.5 km
	Educational Institutes,	Challakere-15km
	Hospital	
	d. Water Bodies	Garani halla -6 km
	e. Other Specify	Nil
	Applicability of General	
16	Condition of the EIA	·
	Notification, 2006	
17	Details of Land Use in A-G	
	a. Area for Mining/ Quarrying	7-05
	b. Waste Dumping Area	N N
	c. Top Soil Storage Area	
	d. Mineral Storage Area	PPW
	e. Infrastructure Area	
	f. Road Area	0-01
	g. Green Belt Area	ROMA
	h. Others Specify Safety Zone	1-09
	Total	8A-15 G (3.39Ha)
18	Method of Mining/ Quarrying	Semi Mechanised Quarrying
19	Water Requirement	
	a. Source of water	Near By Own Borwell.
	b.   Total Requirement of Water	Dust 32.0

	in KLD	Suppuration	
		Domestic	3.0
		Other, Plantation	5.0
		Total	40.0
20	Storm water management plan	<b> </b>	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

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

As per the quarry plan approved by DMG there is a level difference of 17 meters and taking this into consideration the committee opined that the proposed quantity of 5,77,113 cum or 15,00,494 tons for a plan period of three years can be mined safely and scientifically to a quarry pit depth of 20 meters. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As per the cluster map approved by DMG there are no other leases within the 500 meter radius and hence the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

The proponent has stated that there is a existing cart track road to a length of 350 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.30.00 lakhs to take up rejuvenation of nearby two lakes which are within 2 to 3 KM from the lease area.

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

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

226.43 Proposed Building Stone Quarry Project at Sy.No.66 of Kanagalahalli Village, Malur Taluk, Kolar District (5-00 Acres) by Smt. K.Y Manjula(SEIAA 486 MIN 2019)

SI. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	"Building Stone Quarry" of Smt. K. Y. Manjula W/o Ramesh Kommanahalli Village, Thoralakki Post, MalurTaluk Kolar District, Karnataka.		
2	Name & Location of the Project	"Building Stone Quarry" Sy No: 66, Kanagalahalli Village, MalurTaluk, Kolar District, Karnataka.		
		Boundary Points	WGS 84 Spkeri	cal Coordinates
			Latinde	Longitude
3		A	12°57'02.0 <b>8</b> 97"N	
	Co-ordinates of the Project Site	B	12"57'02.77"N	7 <b>x°</b> 4'30,7709"E
	to ordinates or the Project of the		THE PARTY OF THE P	78° 431.1831"E
			12°57'02.3575"N	78° 437,4724"E
			12°57'00.476"N	78° 4'37.859"E
		13	A CONTROL OF THE PROPERTY OF T	78° 4'35 04   1"E
		<u> </u>	12°56'58,6423"N	78° 435.0343"E
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	Renewal (QL. No 815)		
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	2.023На		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed	It's'a Building Stone Quarry		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining	It's a Building Stone Quarry		

	guideline 2016		
	Measurements of the existing	Fresh Land	Walter Co. 100
	quarry pits in case of	rresh Land	
12	ongoing/expansion/modification		
12			
	of mining proposals other than river sand		
		1.00.0/E.T	
13	Annual Production Proposed	1,20,265 Tons per anr	ium
ļ	(Metric Tons/ CUM) / Annum	Λ	
	O 135 - 6 T 170 - 1 100 10		quarryingprogramme over five
14	Quantity of Topsoil/Over burden		f top soil ,however if any small
!	in cubic meter	,	will be stocked & used for
<u></u>	1 T. T. T. T. T. T. T. T. T. T. T. T. T.	afforestation purpose	
15	Mineral Waste Handled (Metric	2,454Tons per annum	L
	Tons/ CUM)/ Annum		
16	Project Cost (Rs. In Crores)	0.88crores	
17	Environmental Sensitivity	15	
	a. Nearest Forest	None Within 5kms	
	b. Nearest Human Habitation	Kanagalahalli - 1.00 (	
	Educational Institutes,		nd telegraph office, hospital,
	c. Hospital	_	on is situated in Malur - 15.9
		(NW)	
	d. Water Bodies	Budikote Dam - 4.67	Km (SE)
	e. Other Specify		
	Applicability of General		
18	Condition of the EIA		·
	Notification, 2006	and the state of t	
19	Details of Land Use in Acres	<del></del>	
	a. Area for Mining/ Quarrying	3.65	
	b. Waste Dumping Area	0.10	
	c. Mineral Storage Area	0.15	
······································	d. Infrastructure Area	0.05	
	e. Road Area	0.05	
	f. Buffer Zone	0.90	
	g. Unexplored area	CO SAR	
	h. Others Specify	Aut (ME	
20	Method of Mining/ Quarrying	Semi Mechanized Op	en quarrying excavation
21	Rate of Replenishment in	NA	
<b>41</b>	case River sand project		
22	Water Requirement		
	a. Source of water	Drinking water: Bore	ewell from the village
	a. Source of water	Dust Suppression: Riv	ver Water
	Total Pagazinement of Martin	Dust Suppression	7.6 KLD
	b. Total Requirement of Water	Domestic	1.9 KLD
	in KLD	Other	1.6 KLD
······································	tivi da 1900 de la companya del companya del companya de la compan	• • • • • • • • • • • • • • • • • • • •	

		Total	11.1 KLD
		• Drains	will be constructed along the
	23 Storm water management plan	boundary of	activity area
23		<ul> <li>Check</li> </ul>	dams will be constructed to contain
		the surface ru	un-off of the silt and sediments from the
		lease area du	ring heavy rainy season

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is an existing lease for which lease was granted in the year 2006. The proponent has stated that he has carried out the mining from 2006-2012 and stopped mining since then till date for which the proponent submittee a audit report certified by DMG.

As per the quarry plan approved by DMG there is a level difference of 28 meters and taking this into consideration and also the fact that he has mined 29,000 tons from 2006 to 2012, the committee opined that the proposed quantity of 2,26,062 cum or 6,01,325 tons for a plan period of five years can be mined safely and scientifically to a quarry pit depth of 10 meters.

The proponent has stated that since his lease was granted prior to 9-9-2013, his lease is exempted from cluster effect.

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

As far as CER is concerned, the proponent has earmarked Rs.15.00 lakhs to take up rejuvenation of Kanagala lake which is 400 meters from the lease area.

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

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

226.44 Proposed Building Stone Quarry Project at Sy.No.66 of Kanagalahalli Village, Malur Taluk, Kolar District (4-00 Acres) by M/s. Nagadevi Stone Crusher(SEIAA 490 MIN 2019)

SI. No	PARTICULARS		INFORMATION		
1	Name & Address of the Project Proponent	"Building Stone Quarry" of M/s Nagadevi Stone Crusher Sri. Sarvajith Singh (Director) R.G. Apartments, Opposite Junior College, Adarshanagara, Malur Town, Kolar District, Karnataka.			
2	Name & Location of the Project	Sy No: 66, Kan	"Building Stone Quarry" Sy No: 66, Kanagalahalli Village, Malur Taluk, Kolar District,		
		Boundary Points	WGS 84 Spheri	cal Coordinates	
3	Co-ordinates of the Project Site		Latitude 12°57'02.0897"N 12°57'00.6993"N 12°56'57.2842"N 12°56'58.6423"N	78° 4'23.0044"E 78° 4'22.9117"E	
4	Type of Mineral	<b>Building Stone Quarry</b>			
5	New / Expansion / Modification / Renewal	Renewal(Ql No-718)			
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	1.618Ha			
9	Actual Depth of sand in the lease area in case of River sand	NA			
10	Depth of Sand proposed to be removed	It's a Building Stone Quarry			
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's a Building Stone Quarry			

	M	easurements of the existing	Fresh Land		
1	quarry pits in case of				
12	on	going/expansion/modification			
	of	mining proposals other than			
	river sand				
13	Aı	nnual Production Proposed	90,616 Tons/annun	n	
10	(M	fetric Tons/ CUM) / Annum			
				d quarryingprogramme over	
14	1	uantity of Topsoil/Over burden		tion of top soil ,however if	
	in	cubic meter	1	generated it will be stocked &	
	ļ.,		used for afforestation	on purposes.	
15	1	ineral Waste Handled (Metric	1,849 TPA		
		ons/ CUM)/ Annum	0.00		
16	7	oject Cost (Rs. In Crores)	0.80 crores		
17		vironmental Sensitivity	*		
	a.	Nearest Forest	None Within 5kms		
	b.	Nearest Human Habitation	Kanagalahalli Villa		
	Educational Institutes,		i –	and telegraph office, hospital,	
	C.	Hospital	-	on is situated in Tekal - 4 Km	
		Water Bodies	(N) Budikote Dam – 4.65 Kms (SE)		
	d.	<del></del>	budikote Dam - 4.6	5 Kills (SE)	
	e.	Other Specify	AP 28		
18		oplicability of General ondition of the EIA			
10	1	otification, 2006			
19		etails of Land Use in Acres			
1,7	a.	Area for Mining/ Quarrying	3-06	- And the state of	
	b.	Waste Dumping Area	0-02		
	C.	Mineral Storage Area	0-04		
	d.	Infrastructure Area	0-02		
	e.	Road Area	0-02		
<u></u>	f.	Buffer Zone	0-02		
	g.		V-21		
<u> </u>	h.	Others Specify	₹ <b>9.6</b> 6	-	
20	<del> </del>	Method of Mining/ Quarrying		pen quarrying excavation	
		Rate of Replenishment in	NA NA	13.5	
21	21 case River sand project				
22	Water Requirement				
			Drinking water : Bo	rewell from the village	
İ	a.	Source of water	Dust Suppression: I	0 1	
			Dust Suppression	8.3 KLD	
	1.	Total Requirement of Water	Domestic	1.5 KLD	
	b. in KLD		Other	1.3 KLD	
	[		Total	11.1 KLD	
			······		



Drains will be constructed along the boundary of activity area 23 Storm water management plan 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 226th meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is an existing lease for which lease was granted in the year 2006. The proponent has stated that he has carried out the mining from 2006-2011 and stopped mining since then till date for which the proponent submitted an audit report certified by DMG.

As per the quarry plan approved by DMG there is a level difference of 2 meters and taking this into consideration and also the fact that he has mined 50,000 tons from 2006 to 2011, the committee opined that 90% of the proposed quantity of 1,77,820 cum or 4,62,332 tons for a plan period of five years can be mined safely and scientifically to a quarry pit depth of 20 meters.

The proponent has stated that since his lease was granted prior to 9-9-2013, his lease is exempted from cluster effect.

The proponent has stated that there is a existing cart track road to a length of 650 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.10.00 lakhs to take up rejuvenation of Maralahalli pond which is 300 meters from the lease area.

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

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

226.45 Proposed Building Stone Quarry Project at Sy.Nos.98/2, 98/5 & 98/6 of Shidaganal Village, Ranebennur Taluk, Haveri District(4-25 Acrres) by Sri. Channaveerappa B Pujar(SEIAA 484 MIN 2019)

Sl. No	PARTICULARS	INFORM	ATION	
1	Name & Address of the Project Proponent	"Building Stone Quarry" of Sri. Channaveerappa B Pujar S/o BasavarajappaPujar, House No: 835, 1st Ward, KoteHolalu, Holalu, Hadagali Taluk, Bellary District, Karnataka-583217		
2	Name & Location of the Project	"Building Stone Quarry" of Sri. Channaveerappa B Pujar Sy No. 98/2, 98/5 & 98/6 Shidaganal Village, Ranebennur Taluk, Haveri District, Karnataka.		
		Latitude	Longitude	
	Co-ordinates of the Project Site	N 14° 41′ 26.0″	E 75° 35′ 18.9″	
3		N 14° 41′ 33.1″	E 75° 35′ 16.8″	
		N 14° 41′ 33.9″	E 75° 35′ 19.8″	
-		N 14° 41′ 26.7″	E 75° 35′ 21.4″	
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	1.87На		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be	It's a Building Stone Quar	У	

	rer	noved	
11	Rat	te of replenishment in case of er sand mining as specified in sustainable sand mining	It's a Building Stone Quarry
		ideline 2016 easurements of the existing	Fresh Land
12	quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		
13		nual Production Proposed etric Tons/ CUM) / Annum	60,000 Tons per annum
14		antity of Topsoil/Over burden cubic meter	As per the proposed quarryingprogramme over five year, no generation of top soil, however if any small quantitygenerated it will be stocked & used for afforestation purposes.
15		neral Waste Handled (Metric ns/ CUM)/ Annum	3,158Tons per annum
16		oject Cost (Rs. In Crores)	0.79 crores
17			
	a.	Nearest Forest	None Within 5kms
	b.	Nearest Human Habitation	Shidaganal - 1.50 Km (SE)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Haveri – 23.7 Km (NW)
	d.	Water Bodies	Bevinahalli Lake -5.98 Km (E) Honnatti Lake - 6.85 Kms (NE)
	e.	Other Specify	per sal
	Ap	plicability of General	
18		ndition of the EIA	
		tification, 2006	
19	De	tails of Land Use in Acres	,
	a.	Area for Mining/ Quarrying	3-13
	b.	Waste Dumping Area	0-02
	c.	Mineral Storage Area	0-06
	d.	Infrastructure Area	
	e.	Road Area	0-02
	f.	Buffer Zone	1-02
	g.	Unexplored area	
	h.	Others Specify	
20	<u>N</u>	lethod of Mining/ Quarrying	Semi Mechanized Open quarrying excavation
21		Rate of Replenishment in	NA
	TA7 -	case River sand project	
22	vva	iter Requirement	

i ji

	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water		
	b.	Total Requirement of Water in KLD	Dust Suppression	8.2 KLD	
			Domestic	1.5 KLD	
	D.		Other	1.2 KLD	
	1		Total	10.9 KLD	
			Drains will be	e constructed along the	
			boundary of activity area		
23	Sto	Storm water management plan	<ul> <li>Check dams will be constructed to contain</li> </ul>		
			the surface run-off of the silt and sediments from		
			the lease area during heavy rainy season		

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a fresh lease involving building stone mining in patta land. The proponent has stated that he has obtained NOCs from Forest, Revenue Dept., and also obtained land conversion order. The proponent has also stated that the lease area is located at a distance of 3.5 KM from the Notified Eco sensitive zone for Black Buck Sanctuary. As per the final notification the ecosensitive varying from 100 m to 4.6 km around the boundary of Black Buck Sanctuary and also the lease area is outside the listed eco sensitive zone villages.

As per the quarry plan approved by DMG there is a level difference of 4 meters and taking this into consideration the committee opined that the proposed quantity of 1,12,078 cum or 3,00,000 tons for a plan period of five years can be mined safely and scientifically to a quarry pit depth of 15 meters.

As per the extended cluster map approved by DMG there is one other lease within the 500 meter radius and combined area of these two leases is 12 Acres 09 guntas and hence it less than the threshold limit of 5 Ha, the committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

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

As far as CER is concerned, the proponent has earmarked Rs.6.00 lakes to take up afforestation and fire protection measures in Budapanahalli Reserved forest which is 890 meters from the lease area in consultation with the forest authorities.

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

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

226.46Proposed Grey Granite Quarry Project at Sy.No.116 of Gollahalli Village, Kasaba Hobli, Chikkaballapura Taluk & District (1-00 Acre) (Q.L No.493) by Sri. G.L.N Gowda(SEIAA 496 MIN 2019)

Sl. No	PARTICULARS		INFORMATION				
1	Name & Address of the Project Proponent	Sri. G. L. N. Gowda, S/o. Gopalaiah, #215, Near Shiva Temple, Bagalur, Bangalore, Karnataka - 562 149					
2	Name & Location of the Project	"Grey Granite Quarry" Sy No. 116, Gollahalli village, Kasaba Hobli, Ckikkaballapur Taluk & District, Karnataka.					
3	Co-ordinates of the Project Site		P No X A B C G.P.S	Latitude N 13° 30' 20.4" N 13° 30' 19.1" N 13° 30' 18.0" N 13° 30' 19.3" READINGS WG	Longitude E77°44′ 36.4" E77° 44′ 39.5" E77° 44′ 39.0" E77° 44′ 35.9"		
4	Type of Project	Gr	ey Gran	ite			
5	New / Expansion / Modification / Renewal	Renewal(QL No-493)					
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	N/	A		NA NA		



10		epth of Sand proposed to be moved in case of River sand	NA
11	riv the	te of replenishment in case of ver sand mining as specified in e sustainable sand mining ideline 2016	It's Grey Granite Quarry
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		1059.9 MSL (Existing Pit Level)
13		unual Production Proposed letric Tons/ CUM) / Annum	4,000 Cu.m per Annum of Grey Granite
14	Qu in	nantity of Topsoil/Over burden cubic meter	No topsoil to be proposed during plan period
15	To	neral Waste Handled (Metric ns/ CUM)/ Annum	1,000 Cu.m per Annum of Building Stone
16		oject Cost (Rs. In Crores)	1.21crores
17	En	vironmental Sensitivity	
	a.	Nearest Forest	Avalagurki Gomala Reserved Forest - 4.50 (W)
	Ъ.	Nearest Human Habitation	Gollahalli village- 1.90 Kms(NW)
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chickballapur - 8.30 Kms (S)
	d.	Water Bodies	Haristhala Lake - 7.0 Kms(NE) Yadaralahalli Kere -9.29kms(NW)
	e.	Other Specify	MODE :
	Ap	plicability of General	NA
18	-	ndition of the EIA	·
		tification, 2006	
19	De	tails of Land Use in Acres	
	a.	Area for Mining/ Quarrying	0-20
	b.	Waste Dumping Area	0-01
	c.	Top Soil yard	
	d.	Mineral Storage Area	0-03
	e.	Infrastructure Area	
	f.	Road Area	0-01
ļl	g.	Green Belt Area	0-15
		Unexplored area	
	i.	Others Specify '	-
20		Iethod of Mining/ Quarrying	Semi Mechanised Method
21		e of Replenishment in case	NA
	Riv	er sand project	

22	Wa	ater Requirement		
	a.	Source of water	Borewell from the village	
		Total Requirement of Water in KLD	Dust	8.7KLD
			Suppression	
	b.		Domestic	1.3 KLD
			Other	1.5 KLD
			Total	11.5 KLD
23	Storm water management plan		Drains will b of activity are	e constructed along the boundary a
24	Any other information specific to the project (Specify)		NA	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

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

This is an existing lease for which lease was granted in the year 2004. The proponent has stated that he has carried out the mining from 2007-2009 and stopped mining since then till date for which the proponent has submitted an audit report certified by DMG. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept.,

As per the quarry plan approved by DMG there is a level difference of 7 meters and taking this into consideration and also the fact that he has mined 1,100 tons of building stone from 2007 to 2009, the committee opined that the proposed gross quantity of 25,000 cum for a plan period of five years can be mined safely and scientifically to a quarry pit depth of 10 meters. The proponent has also stated that the percentage of recovery is 80% and the waste being 5,000 cum and it can be converted into building stone with permission from the competent authority.

The proponent has stated that since his lease was granted prior to 9-9-2013, his lease is exempted from cluster effect.

The proponent has stated that there is a existing cart track road to a length of 700 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation of Balegere pond which is 2.15 KM from the lease area.

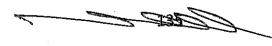
The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

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

226.47 Proposed Ornamental Granite Quarry Project at Sy.No.144 of Guvvalanahalli Village, Chikkaballapura Taluk & District (5-00 Acre) by M/s.Anjenaya Quarries(SEIAA 497 MIN 2019)

Sl. No	PARTICULARS	INFORMATION			
1	Name & Address of the Project Proponent	M/s Anjaneya Quarries No- 85, 5th cross, Swatantra Nagara, Chikkabasavannapura, Virgonagara post, Benghaluru-49			
2	Name & Location of the Project	"Ornamental Granite Quarry" Sy No. 144, Guvvalanahalli village, Ckikkaballapur Taluk & District, Karnataka.			
3	Co-ordinates of the Project Site	P N A B C D G.F		Latitude N 13° 30' 38.2" N 13° 30' 38.7" N 13° 30'42.0" N 13° 30'41.4" READING5 WGS 84	Longitude E77°45'01.1" E77° 44' 54.4" E77° 44'54.8" E77° 45'01.4"
4	Type of Project	Ornamental Granite			
5	New / Expansion / Modification / Renewal	Renewal(QL No-405)			
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Land			
7	Whether the project site fall	No			



-	within ESZ/ESA		
8	Area in Ha	2.024 Ha	
	Actual Depth of sand in the lease	NA	
9	area in case of River sand		
10	Depth of Sand proposed to be	NA	
10	removed in case of River sand		
	Rate of replenishment in case of	It's Ornamental Granite Quarry	
11	river sand mining as specified in	_	
1 11	the sustainable sand mining		
	guideline 2016	·	
	Measurements of the existing	994 MSL Existing Level	
	quarry pits in case of		
12	ongoing/expansion/modification		
	of mining proposals other than	·	
	river sand		
13	Annual Production Proposed	10,752 Cu.m / Annum of Ornamental and 2,016	
10	(Metric Tons/ CUM) / Annum	Cu.m / annum for Saleable Building Stone	
14	Quantity of Topsoil/Over burden	No topsoil to be proposed during plan period	
	in cubic meter		
15	Mineral Waste Handled (Metric	672 cu.m/annum of Saleable Building Stone	
	Tons/ CUM)/ Annum		
16	Project Cost (Rs. In Crores)	1.68 crores	
17			
	a. Nearest Forest	Avalagurki Gomala Reserved Forest - 3.85 (S)	
	b. Nearest Human Habitation	Guvvalakanahalli village- 0.45 Kms (5)	
	Educational Institutes,	The nearest post and telegraph office, hospital,	
	c. Hospital	schools, police station is situated in	
	Trospitat	Chickballapur - 8.10 Kms (S)	
	d. Water Bodies	Balagere kere - 0.80 Kms (NE)	
·		Byappanahalli Kere Lake - 1.25 Kms(NE)	
	e. Other Specify		
	Applicability of General	NA	
18	Condition of the EIA		
	Notification, 2006		
19	Details of Land Use in Hectares	4.010	
	a. Area for Mining/ Quarrying	1.010	
	b. Waste Dumping Area		
	c. Top Soil yard	0.070	
	d. Mineral Storage Area	0.070	
	e. Infrastructure Area	0.017	
	f. Road Area	0-040	
· · · · · · · · · · · · · · · · · · ·	g. Green Belt Area	0.057	
	h. Unexplored area	0.857	
	i. Others Specify	0.030	

20			Semi Mechani	sed Method
21	Rate of Replenishment in case River sand project		NA	
21				
22	Wá	ater Requirement		
	a.	Source of water	Borewell from	the village
			Dust	8.7KLD
		Total Requirement of Water in KLD	Suppression	·
	b.		Domestic	1.3 KLD
			Other	1.5 KLD
			Total	11.5 KLD
23	Storm water management plan		Drains will be	e constructed along the boundary
25			of activity area	a
24	An	y other information specific to	NA	
24	the project (Specify)			•

The Proponent and Environment Consultant attended the 226th meeting held on 10-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal forming part of declared cluster Association for which the proponent stated that combined EMP has been prepared and submitted.

This is an existing lease for which lease was granted in the year 2003. The proponent has stated that he has carried out the mining from 2005-2008 and stopped mining since then till date for which the proponent submitted an audit report certified by DMG.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept.,

As per the quarry plan approved by DMG there is a level difference of 45 meters and taking this into consideration and also the fact that he has mined 5,700 tons of building stone from 2005 to 2008, the committee opined that the proposed gross quantity of 67,200 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 80% and the waste being 13,440 cum and it can be converted into building stone with permission from the competent authority.

The proponent has stated that since his lease was granted prior to 9-9-2013, his lease is exempted from cluster effect.

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

As far as CER is concerned, the proponent has earmarked Rs.10.00 lakes to take up rejuvenation Guvalakanahalli pond which is 900 meters from the lease area.

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

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

226.48 Proposed Building Stone Quarry Project at Sy.No.02 of Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapura District (2-34 Acres ) by Smt. D Shantha (SEIAA 508 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	"Building. Stone Quarry" of Smt. D. Shantha W/O Sri. Chandramohan, No.164, Thammanayakanahalli, Kasaba Hobli, Anekal Taluk, Bengaluru District.
2	Name & Location of the Project	Smt. D. Shantha Sy No: 02, Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapur District, Karnataka.



		BOUNDARY	LATITUDE	LONGITUDE	
	Co-ordinates of the Project Site	POMT	tra levensor (marketiniska) interpretation (marketiniska)	ran landaris planting di marina di marina alam di marina di marina di marina di marina di marina di marina di m	
			19" 34" 37.4"	77° 52' 59.1"	
3		B	13° 34' 43.2'	77* 52' 50.0"	
3	Co-ordinates of the Project Site	Ç	13° 34′ 43.2′	77*53*01.2"	
		D	13" 34" 41.5"	77" 53" 01.5"	
			15" 34' 38.5"	77" 63" 01 6"	
4	Type of Project	Building Stone			
5	New / Expansion / Modification / Renewal				
	Type of Land [ Forest,	Government G	omala Land		
6	Government Revenue, Gomal, Private/Patta, Other]				
7	Whether the project site fall within ESZ/ESA	* /			
8	Area in Ha	1.152 Ha			
9	Actual Depth of sand in the lease area in case of River sand	NA			
10	Depth of Sand proposed to be removed in case of River sand				
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building St	one.	,	
	Measurements of the existing	It's a Fresh Lar	nd		
	quarry pits in case of				
12	ongoing/expansion/modification of mining proposals other than river sand	,			
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	32,678Tonnes <sub>1</sub>	per annum		
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to b	e proposed duri	ng plan period	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	667Tonnes per	annum		
16	Project Cost (Rs. In Crores)	0.73crores			
17	Environmental Sensitivity				
	a. Nearest Forest	None within 5	<del></del>		
	b. Nearest Human Habitation		li village-0.62 Kı	~- · · · · · · · · · · · · · · · · · · ·	
	c. Educational Institutes, The nearest post and telegraph office, hospital				

. . . . . . . . .

		Hospital	schools, police	e station is situated in
			Shidlaghatta - 19.05 Kms (S)	
			Thalakayalab	etta Lake-8.14 Kms(E)
	d.	Water Bodies	Korlaparthi P	ond - 10.5 Kms (E)
		·	Settikere - 11.	4 (NE)
	e.	Other Specify		
	Ap	plicability of General	NA	
18	Co	ndition of the EIA		
	<del></del>	tification, 2006		
19	De	tails of Land Use in Ha		
	a.	Area for Mining/ Quarrying	0.520	
	b.	Waste Dumping Area	0.025	
	c.	Top Soil yard		
	d.	Mineral Storage Area	0.025	
	e.	Infrastructure Area	0.015	
	f.	Road Area	0.030	
	. 0	Green Belt Area		
	h.	Unexplored area	0.524	
	i.	Others Specify	0.040	
20	N	Method of Mining/ Quarrying	Semi Mechani	ised Method
21	Ra	te of Replenishment in case	NA	
<b>Z1</b>		ver sand project		
22	Wa	iter Requirement		
	a.	Source of water	Borewell fron	n the village
		•	Dust	7.2KLD
		Total Requirement of Water	Suppression	
	b.	in KLD	Domestic	1.2 KLD
		III KLD	Other	1.5 KLD
			Total	9.9 KLD
23	Sto	rm water management plan	Drains will be	e constructed along the boundary
20	23 Storm water management plan		of activity area	a
24	Any other information specific to		NA	
4-T	the	project (Specify)		

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification/additional information.

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

As per the combined sketch prepared by the DMG there are seven other leases and total area including this lease area comes to 60 Acres 37 guntas. The proponent has stated that there are only two proposals which have come up for appraisal whose combined area is 11 Acres 22 guntas which being the less than the threshold limit of 5 Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the quarry plan approved by DMG there is a level difference of 11 meters and taking this into consideration the committee opined that the proposed quantity of 61,424 cum or 1,63,390 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 10 meters. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

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

As far as CER is concerned, the proponent has earmarked Rs.3.00 lakhs towards rejuvenation of Kondappagarahalli kere which is at a distance of 1.65 KM from the lease area.

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

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

226.49 Proposed "Building Stone Quarry" over an extent of 8-28 Acre at in part of Sy.No.02, Purabyrenahalli Village, Shidlaghatta Taluk, Chikkaballapur District by Sri. Nanjappa (SEIAA 510 MIN 2019)

SI		
) JI.	PARTICULARS	INFORMATION
No	TIMITO DI IND	
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2	Name & Address of the Project Proponent  Name & Location of the Project	Sri. Nanjappa S/o Venkatappa, Dyasandra Village, Haragadde Post, Jigani Hobli, Anekal Taluk, Bengaluru District "Building Stone Quarry" of Sri. Nanjappa Sy No. 02, Purabyrenahalli village, Shidlaghatta Taluk Chikkaballapur District, Karnataka.				
		BOUHDARY POINT	WITTUDE	LONGINOE		
		A	13° 34' 41.3"	77" 53' 08.2"		
3	Co-ordinates of the Project Site	E	13" 34' 45.5"	77° 53′ 07.9″		
		C	13" 34" 40.9"	77* 53' 15.9"		
**************************************		<u>D</u>	12" 34" 42.1"	77* 53' 16.3*		
4	Type of Project	Building Sto	ne			
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	3.52 Ha	and the second s		***************************************	
9	Actual Depth of sand in the lease area in case of River sand	NA				
10	Depth of Sand proposed to be removed in case of River sand	NA				
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.				
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a Fresh Land				
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	90,604 Tonnes per annum				
14	Quantity of Topsoil/Over burden in cubic meter	No topsoil to be proposed during plan period				

\*

15		neral Waste Handled (Metric ns/ CUM)/ Annum	1,849Tonnes per annum		
16	Pro	oject Cost (Rs. In Crores)	0.80crores		
17	En	vironmental Sensitivity			
	a.	Nearest Forest	No Forest Within 15 Kms		
	Ъ.	Nearest Human Habitation	Purabyrenahalli village-0.96 Kms(SW)		
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Shidlaghatta - 21.1 Kms (S)		
	d.	Water Bodies	Thalakayalabetta La Korlaparthi Pond - Baiyannagaripalli L	10.2 Kms (SE)	
	e.	Other Specify	ж.,		
	Аp	plicability of General	NA		
18		ndition of the EIA			
	No	tification, 2006		·	
19	De	tails of Land Use in Ha			
	a.	Area for Mining/ Quarrying	2.50		
	b.	Waste Dumping Area			
	c.	Top Soil yard			
	d.	Mineral Storage Area	Ad-		
	e.	Infrastructure Area			
	f.	Road Area	0.06		
	g.	Green Belt Area	And disk		
	h.	Unexplored area	0.960		
	i.	Others Specify			
20	N	lethod of Mining/ Quarrying	Semi Mechanised N	Method	
01		te of Replenishment in case	NA		
21	Riv	er sand project			
22	Wa	ter Requirement			
	a.	Source of water	Borewell from the v	rillage	
			Dust Suppression	7.4 KLD	
	1-	Total Requirement of Water	Domestic	1.2KLD	
	b.	in KLD	Other	1.5 KLD	
			Total	10.1 KLD	
23	Sto	rm water management plan	Drains will be consactivity area	structed along the boundary of	
24		y other information specific to project (Specify)	NA		

The Proponent and Environment Consultant attended the 226th meeting held on 10-7-2019 to provide clarification/additional information.

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

As per the combined sketch prepared by the DMG there are seven other leases and total area including this lease area comes to 60 Acres 37 guntas. The proponent has stated that there are only two proposals which have come up for appraisal whose combined area is 11 Acres 22 guntas which being the less than the threshold limit of 5 Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the quarry plan approved by DMG there is a level difference of 5 meters and taking this into consideration the committee opined that the proposed quantity of 1,70,308 cum or 4,53,021 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 10 meters.

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

As far as CER is concerned, the proponent has earmarked Rs.10.00 lakes towards rejuvenation of Kondappagarahalli kere which is at a distance of 1.60 KM from the lease area.

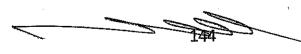
The committee after discussion decided to recommend the proposal to SEIAA to issue Environment Clearance with the following conditions:

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

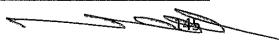
Action: Secretary, SEAC to forward the proposal to SEIAA for further necessary action.

226.50Proposed "Building Stone Quarry at Sy.No.35 of Kurudugurki Village, Malur Taluk, Kolar District (4-35 Acres) by M/s. Byraveshwara Enterprises (SEIAA 373 MIN 2019)

SI.	PARTICULARS	INFORMATION
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1	Name & Address of the Project Proponent	M/s Byraveshwara Enterprises Prop: M.S Anand Madigarahalli Village, Sulikunte post,Bangarpet taluk, Kolar District,Karnataka.		
2	Name & Location of the Project	"Building Stone Quarry" of M/s Byraveshwara Enterprises of Sy No. 35,Kurudugurki Village, Malur Taluk,Kolar District, Karnataka		
3	Co-ordinates of the Project Site	Latitude:N 13° 01' 28.09'' Longitude:E 78° 04'59.43''		
4	Type of Mineral	Building StonesQuarry		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government karab Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.972На		
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	3,50,340 Tonnes per Annum.		
14	Quantity of Topsoil/Over burden in cubic meter	There is 0.2 to 0.5mtopsoil Available in this area.		
15	Mineral Waste Handled (Metric Tons/ CUM)	7150Tonnes per Annum.		



16	Pr	oject Cost (Rs. In Crores)	13.38crores	The state of the s	
17	En	vironmental Sensitivity			
	a.	Nearest Forest	Tykal State Fo	orest – 2.80 kms(S)	
	b.	Nearest Human Habitation	Kurudugurki -1.10 Kms (SW)		
	c.	Educational Institutes, Hospital	Malur - 13.40	) kms(SW)	
	d.	Water Bodies	Kuntanahalli pond – 1.45 kms (SW) Hosahallikere – 2.65		
	e.	Other Specify			
18	Co	oplicability of General ondition of the EIA otification, 2006			
19		etails of Land Use in Acres			
	a.	Area for Mining/ Quarrying	3-31		
1	b.	Waste Dumping Area	0-02		
	c.	Top Soil Storage Area			
	d.	Mineral Storage Area	0-02		
	e.	Infrastructure Area	0-02		
	f.	Road Area	0-04		
	g.	Green Belt Area/Buffer Zone	0-36		
	11.	Unexplored area			
	i.	Others Specify			
20	N	Method of Mining/ Quarrying	Semi Mechani	ised Method Open quarrying	
21		Rate of Replenishment in	NA		
		case River sand project			
22	Wa	ater Requirement			
	a.	Source of water		er : Borewell from the village sion: River Water	
			Dust	10.5 KLD	
		TO A STATE	Suppression		
	b.	Total Requirement of Water	Domestic	1.6 KLD	
•		in KLD	Other	1.5 KLD	
		·	Total	13.6 KLD	
23	Storm water management plan		f	constructed along the	
			boundary of a	ctivity area	
24	1	y other information specific the project (Specify)	NA		

The Proponent and Environment Consultant attended the  $226^{th}$  meeting held on 11-7-2019 to provide clarification/additional information.

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

As per the combined sketch prepared by the DMG there are no other leases within the 500 meter radius and the lease which is under appraisal is of 4-35 Acres area and which being less than the threshold limit of 5 Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the quarry plan approved by DMG there is a level difference of 32 meters and taking this into consideration the committee opined that 75% of the proposed quantity of 6,71,000 cum or 17,51,699 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 20 meters.

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

As far as CER is concerned, the proponent has earmarked Rs.10.00 lakhs towards rejuvenation of Kurudugurki Agrahara Pond which is at a distance of 950 meters from the lease area.

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

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

226.51 Proposed "Building Stone Quarry" over an extent of 4-00 Acre at Sy.No.35, Thimmanayakanahalli Agrahara Village, Malur Taluk, Kolar District by Smt. R Manjula (SEIAA 402 MIN 2019)

Sl.		INTEODMATION	
No	PARTICULARS	INFORMATION	

lee = -

1	Name & Address of the Project Proponent	SMT. R. MANJULA D/o Rajanna Yaluvaguli Village, Malur Taluk Kolar District-563137.		
2	Name & Location of the Project	"Building. Stone Quarry" of SMT. R. MANJULA Sy No:35, Thimmanayakanahalli Agrahara Village, Malur Taluk, Kolar District, Karnataka.		
3	Co-ordinates of the Project Site	Latitude         Longitude           12°58'54.71"N         78°06'08.73"E           12°58'53.35"N         78°06'14.45"E           12°58'56.18"N         78°06'15.12"E           12°58'57.61"N         78°06'09.43"E           12°58'53.93"N         78°06'08.94"E           12°59'08.99"N         78°06'08.90"E		
4	Type of Project	Building Stone		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government RevenueLand		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	1.618Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Building Stone.		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	It's a Fresh Land		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	3,57,017tons per annum		
	Quantity of Topsoil/Over burden	No topsoil to be proposed during plan period		
14	in cubic meter	The topoon to be proposed during plant person		

	To	ons/ CUM)/ Annum			
16	Pr	oject Cost (Rs. In Crores)	12.70crores		
17		vironmental Sensitivity			
	a.	Nearest Forest	None within	5 kms	
	Ъ.	Nearest Human Habitation	Thimmanaya 0.5Kms(SE)	kanahalli Agrahara village-	
	c.	Educational Institutes, Hospital		post and telegraph office, hospital, te station is situated in 9.00 Kms (E)	
	d.	Water Bodies	Tyakal Pond-		
	e.	Other Specify			
	Ar	plicability of General	NA		
18	Co	ndition of the EIA		·	
	No	otification, 2006			
19 Details of Land Use in Acres					
	a.	Area for Mining/ Quarrying	3-08		
	b.	Waste Dumping Area	0-02		
-	c.	Top Soil yard			
	d.	Mineral Storage Area	0-04		
	e.	Infrastructure Area	0-02		
	f.	Road Area	0-02		
	g.	Buffer Area	0-22		
	h.	Unexplored area	NAC DO		
	i.	Others Specify			
20	N	Method of Mining/ Quarrying	Semi Mechan	ised Method	
21		te of Replenishment in case ver sand project	NA		
22		iter Requirement			
	a.	Source of water	Borewell from	n the village	
		<b>A</b>	Dust	10.2KLD	
		Tatal Danasana C XA7	Suppression		
	b. :	Total Requirement of Water in KLD	Domestic	1.5 KLD	
-			Other	1.3 KLD	
:			Total	13.0KLD	
23	Sto	rm water management plan	Drains will be constructed along the boundary of activity area		
24	!	y other information specific to project (Specify)	NA NA		

The Proponent and Environment Consultant attended the 226th meeting held on 11-7-2019 to provide clarification/additional information.

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

As per the combined sketch prepared by the DMG there are three other leases within the 500 meter radius and all these three leases were granted prior to 9-9-2013. Based on this the proponent has claimed that these leases are exempted from cluster effect and the lease which is under appraisal is of 4-00 Acres area and which being less than the threshold limit of 5 Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the quarry plan approved by DMG there is a level difference of 10 meters and taking this into consideration the committee opined that 25% of the proposed quantity of 6,84,000 cum or 17,85,086 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 20 meters.

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

As far as CER is concerned, the proponent has earmarked Rs.10.00 lakhs towards rejuvenation of Thimmanayakanahalli Agrahara Pond which is at a distance of 900 meters from the lease area.

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

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

226.52 Proposed Ornamental Granite Quarry Project at Sy.No.144 of Guvvalakanahalli Village, Chikkaballapura Taluk & District (Q.L No.91) (4-00 Acre) by M/s. Venkateshwara Enterprises (SEIAA 499 MIN 2019)

	Sl.			
	NTO	PARTICULARS	INFORMATION	
L	No_			

		M/s Vanlataryana Enterminas			
-	NI 2 A I I 2 C I D ' /	M/s Venkateswara Enterprises,			
1	Name & Address of the Project	Sadahalli Village,			
	Proponent	Devanahalli Taluk,			
ļ		Bangalore Rural- 562110.			
	•	""Ornamental Granite Quarry"			
1		Sy. No: 144,			
2	Name & Location of the Project	Guvvalakanahalli Village,			
		Chickballapur Taluk And District,			
	•	Karnataka,			
		P No Latitude Longitude			
		X N 13° 30' 20.4" E77°44′ 36.4"			
		A N 13° 30' 19.1" E77° 44′ 39.5"			
3	Co-ordinates of the Project Site	B N 13° 30' 18.0" E77° 44' 39.0"			
		C N 13° 30' 19.3" E77° 44' 35.9"			
		G.P.S READINGS WGS 84			
		TO TO THE TOP TO THE TOT THE TOP TO THE TOP TO THE TOP TO THE TOP TO THE TOP TO THE TOP			
4	m (m	Ornamental Granite Quarry			
4	Type of Project	~			
	New / Expansion / Modification	Renewal(QL NO-91)			
5	/ Renewal	,			
	Type of Land [ Forest,	Government Land			
6	Government Revenue, Gomal,				
	Private/Patta, Other]				
7	Whether the project site fall	No			
	within ESZ/ESA				
8	Area in Ha	1.618 Ha			
9	Actual Depth of sand in the lease	NA			
9	area in case of River sand				
10	Depth of Sand proposed to be	NA			
10	removed in case of River sand				
	Rate of replenishment in case of	It's Grey Granite Quarry			
44	river sand mining as specified in	~			
11	the sustainable sand mining				
	guideline 2016				
	Measurements of the existing	It's a Fresh Land			
	quarry pits in case of				
12	ongoing/expansion/modification				
	of mining proposals other than				
	river sand				
	Annual Production Proposed	8556 Cu.m per annum of Granite			
13	(Metric Tons/ CUM) / Annum	ooo cam parameter or orante			
	Quantity of Topsoil/Over burden	No topsoil to be proposed during plan period			
14	in cubic meter	140 toboon to be proposed during plan period			
15	Mineral Waste Handled (Metric	235Cum pour annum of Crossite			
13	winicial vvaste Halluleu (Metric	225Cu.m per annum of Granite			

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`	То	ns/ CUM)/ Annum		A.,	
16	Pre	oject Cost (Rs. In Crores)	1.12crores		
17		vironmental Sensitivity	<u></u>		
	a.	Nearest Forest	None		
	b.	Nearest Human Habitation	Guvvalakanah	alli- 1.00Km	
	***************************************	T described and the state of	The nearest post and telegraph office, hos		
-	c.	Educational Institutes,		e station is situated in	
	İ	Hospital	Chickballapu	r - 10.00 Kms (S)	
	d.	Water Bodies	Dandiganaha	lli Dam-10.56kms(SW)	
	u.	vvater bottles	Manchenalall	i Lake-12.5Kms(SW)	
	e.	Other Specify			
		pplicability of General	NA		
18	1	ondition of the EIA			
	-I	otification, 2006	<u> </u>		
19	<del> </del>	tails of Land Use in Hectares	T		
·····	a.	Area for Mining/ Quarrying	0.500		
	b.	Waste Dumping Area			
	c.	Top Soil yard			
	d.	Mineral Storage Area	0.060		
	e.	Infrastructure Area	0.020		
	f.	Road Area	0.050		
	g.	Green Belt Area			
	h.	Unexplored area	0.949		
	i.	Others Specify	0.040		
20		Method of Mining/ Quarrying	Semi Mechani	ised Method	
21		te of Replenishment in case	NA		
		ver sand project			
22	1	ater Requirement	D 11 C	eT	
	a.	Source of water	Borewell from		
			Dust Suppression	8.8KLD	
	b.	Total Requirement of Water	Domestic	1.3 KLD	
	D.	in KLD	Other	1.5 KLD	
			Total	11.6 KLD	
	<del> </del>			e constructed along the boundary	
23	Sto	orm water management plan	of activity are		
	Δn	y other information specific to	NA NA	u.	
24		e project (Specify)	7.47.7		
	the project (Specify)		1		

The Proponent and Environment Consultant attended the 226th meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal forming part of declared cluster Association for whichthe proponent stated that combined EMP has been prepared and submitted.

This is an existing lease for which lease was granted in the year 2004. The proponent has stated that he has carried out the mining from 2004-2014 and stopped mining since then till date for which the proponent submitted an audit report certified by DMG.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept.,

As per the quarry plan approved by DMG there is a level difference of 35 meters and taking this into consideration and also the fact that he has mined 19,300 tons of building stone from 2004-2014, the committee opined that the proposed gross quantity of 53,475 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 80% i.e., 42,780 cum and the waste being 20% i.e., 10,695 cum and it can be converted into building stone with permission from the competent authority and which has been reflected in the approved mining plan. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As per the combined sketch prepared by the DMG, there are 55 leases within the 500 meters radius from this lease area and all these leases were granted prior to 9-9-2013. Based on this the proponent claimed exemption from the cluster effect.

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

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation Ballagere pond which is at a distance of 1.10 KM from the lease area.

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

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

## 226.53 Proposed Ornamental Granite Quarry Project at Sy.No.144 of Guvvalakanahalli Village, Chikkaballapura Taluk & District (Q.L No.112) (8-00 Acres) Sri. Syed Bashir Ahmed (SEIAA 500 MIN 2019)

SI. No	PARTICULARS	INFORMATION				
1	Name & Address of the Project Proponent	Sri. Syed Bashir Ahmed S/o Syed Nanu Sab No.161, Avalahalli Main road, Anjanapura Post, Bangalore - 560002				
2	Name & Location of the Project	"Ornamental Granite Quarry" of Sri. Syed Bashir Ahmed Sy No. 144, Guvvalakanahalli Village, Chickballapur Taluk, Chikkaballapura District, Karnataka				
`3	Co-ordinates of the Project Site	P No Latitude Longitude  A N 13° 30′ 38.5" E77°45′ 02.7"  B N 13° 30′ 43.6" E77°45′ 03.3"  C N 13° 30′ 43.1" E77°45′ 10.0"  D N 13° 30′ 37.7" E77°45′ 09.2"  G.P.S READINGS WGS 84				
4	Type of Project	Ornamental Granite				
5	New / Expansion / Modification / Renewal	Renewal(QL No-112)				
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	3.237 Ha				
9	Actual Depth of sand in the lease area in case of River sand	NA				
10	Depth of Sand proposed to be removed in case of River sand	NA				
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamnental Granite Quarry				
12	Measurements of the existing	960 MSL Existing Level				



	on of	arry pits in case of going/expansion/modification mining proposals other than			
13	Ar	rer sand nnual Production Proposed letric Tons/ CUM) / Annum	17,110 Cu.m per annum of Ornamental Granite and 3,207 Cu.m per annum for Saleable Building Stone		
14	1	antity of Topsoil/Over burden cubic meter	No topsoil to	be proposed during plan period	
15	l l	ineral Waste Handled (Metric ns/ CUM)/ Annum	1,069 Cu.m po Stone	er annum for Saleable Building	
16		oject Cost (Rs. In Crores)	0.19 crores		
17		vironmental Sensitivity	JOHN CIUICO		
1/	a.	Nearest Forest	Avalagurki C	omala State Forest - 3.80 Kms(W)	
	a.	Nearest Polest	·	halli Village - 0.60 Kms(S)	
	b.	Nearest Human Habitation	Guvvalakalla	nam vmage ~ 0.00 kms(3)	
	c.	Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Chikkaballapur - 8.00 Kms (S)  Balagerekere - 0.85 Kms (NE)  ByappanahalliKere Lake - 1.30 Kms(NE)		
	d.	Water Bodies			
	e.	Other Specify			
	Applicability of General		NA		
18	Condition of the EIA				
	1	otification, 2006			
19		tails of Land Use in Ha	<u> </u>		
	a.	Area for Mining/ Quarrying	1.00		
	b.	Waste Dumping Area			
	c.	Top Soil yard		· · · · · · · · · · · · · · · · · · ·	
	d.	Mineral Storage Area	0.100		
	e.	Infrastructure Area	0.018		
erle tendricum a et acción es de est	f.	Road Area	0.015		
	g.	Green Belt Area			
		Unexplored area	2.107		
		Others Specify		***************************************	
20		Method of Mining/ Quarrying	Semi Mechan	ised Method	
		te of Replenishment in case	NA		
21	,	ver sand project			
22.		ater Requirement	<del>                                      </del>		
<del></del>		Source of water	Borewell from	n the village	
			Dust	10.5 KLD	
	1	Total Requirement of Water	Suppression		
	b.	in KLD	Domestic	0.9 KLD	
	III KLD		Other	2.5 KLD	
			Juilli		

		Total	13.9 KLD
23	Storm water management plan	Drains will be of activity are	e constructed along the boundary a
24	Any other information specific to the project (Specify)	NA	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal forming part of declared cluster Association for which the proponent stated that combined EMP has been prepared and submitted.

This is an existing lease for which lease was granted in the year 2008. The proponent has stated that he has carried out the mining from 2008-2014 and stopped mining since then till date for which the proponent submitted an audit report certified by DMG. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept.,

As per the quarry plan approved by DMG there is a level difference of 40 meters and taking this into consideration and also the fact that he has mined 21,500 tons of building stone from 2008-2014, the committee opined that the proposed gross quantity of 1,06,935 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 80% i.e., 85,550 cum and the waste being 20% i.e., 21,385 cum and it can be converted into building stone with permission from the competent authority and which has been reflected in the approved mining plan.

As per the combined sketch prepared by the DMG, there are 55 leases within the 500 meters from this lease area and all these leases were granted prior to 9-9-2013. Based on this the proponent claimed exemption from the cluster effect.

The proponent has stated that there is a existing cart track road to a length of 400 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.10.00 lakhs to take up rejuvenation Ballagere pond which is at a distance of 1.45 KM from the lease area.

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

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

226.54 Proposed Ornamental Granite Quarry Project at Sy.No.144 of Guvvalakanahalli Village, Chikkaballapura Taluk & District(Q.L No.206) (3-20 Acres by M/s. Anjaneyaswamy Granite (SEIAA 501 MIN 2019)

S1. No	PARTICULARS	INFORMATION				
1	Name & Address of the Project Proponent	M/s AnjaneyaSwamy Granite Prop: A. C. Govindappa, NavarathnaAgrahara, Sadahalli Post, DevanahalliTaluk, Bengaluru Rural District.				
2	Name & Location of the Project	"Ornamental Granite Quarry" Sy No. 144, Guvvalanahalli village, CkikkaballapurTaluk& District, Karnataka.				
3	Co-ordinates of the Project Site	BOUNDARY POINT A B C C D F	LATITUDE  13° 30'32.7"  13° 30'35.8"  13° 30'37.8"  13° 30'37.5"  13° 30'32.4"	10NG1701E  77° 45'00.4"  77° 45'00.8"  77° 45'01.9°  77° 45'04.3°  77° 45'03.7°		
4	Type of Project	Ornamental C	Granite			
5	New / Expansion / Modification / Renewal	Renewal(QL No-206)				
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land				
7	Whether the project site fall	No				



	within ESZ/ESA		
8	Area in Ha	1.417 Ha	
	Actual Depth of sand in the lease	NA	
9	area in case of River sand		
	Depth of Sand proposed to be	NA	
10	removed in case of River sand		
]	Rate of replenishment in case of	It's Ornamental Granite Quarry	
-	river sand mining as specified in	2	
11	the sustainable sand mining		
	guideline 2016		
	Measurements of the existing	It's a Fresh Land	
	quarry pits in case of		
12	ongoing/expansion/modification		
	of mining proposals other than		
	river sand	·	
10	Annual Production Proposed	7,507 Cu.m/ Annum of Ornamental and	
13	(Metric Tons/ CUM) / Annum	1,408Cu.m per annum for Saleable Building Stone	
11	Quantity of Topsoil/Over burden	No topsoil to be proposed during plan period	
14	in cubic meter		
412	Mineral Waste Handled (Metric	469 cu.m/ annum of Saleable Building Stone	
15	Tons/ CUM)/ Annum		
16	Project Cost (Rs. In Crores)	1.25crores	
17	Environmental Sensitivity		
	a. Nearest Forest	AvalagurkiGomala Reserved Forest - 3.85 (S)	
	b. Nearest Human Habitation	Guvvalakanahallivillage- 0.45Kms (5)	
	T1 1T	The nearest post and telegraph office, hospital,	
	c. Educational Institutes,	schools, police station is situated in	
	Hospital	Chickballapur - 8.10Kms (S)	
	J Martin De Jine	Balagerekere - 0.85Kms (NE)	
	d. Water Bodies	ByappanahalliKere Lake - 1.20Kms(NE)	
	e. Other Specify		
	Applicability of General	NA	
18	Condition of the EIA		
	Notification, 2006		
19	Details of Land Use in Hectares		
	a. Area for Mining/ Quarrying	0.500	
	b. Waste Dumping Area	n-	
	c. Top Soil yard		
	d.   Mineral Storage Area	0.099	
	e. Infrastructure Area		
	f. Road Area	0.070	
	g. Green Belt Area	- Shelar	
	h. Unexplored area	0.738	
	i. Others Specify	**************************************	

20	N	Method of Mining/ Quarrying	Semi Mechanised	Method
21	Rate of Replenishment in case		NA	
21	Riv	ver sand project		
22	Wa	ater Requirement		
	a.	Source of water	Borewell from the	village
			Dust Suppression	8.7KLD
	1.	Total Requirement of Water in KLD	Domestic	1.3 KLD
	b.		Other	1.5 KLD
1			Total	11.5 KLD
-	Storm water management plan		Drains will be con	structed along the boundary of
23			activity area	
24	Any other information specific to		NA	
24	the	project (Specify)		

The Proponent and Environment Consultant attended the 226th meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal forming part of declared cluster Association for which the proponent stated that combined EMP has been prepared and submitted.

He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

This is an existing lease for which lease was granted in the year 2005. The proponent has stated that he has carried out the mining from 2005-2015 and stopped mining since then till date for which the proponent submitted and audit report certified by DMG.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept.,

As per the quarry plan approved by DMG there is a level difference of 45 meters and taking this into consideration and also the fact that he has mined 17,500 tons of building stone from 2005-2015 as per audit report, the committee opined that the proposed gross quantity of 46,920 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 80% i.e., 37,535 cum and the waste being 20% i.e., 9,385 cum and it can be converted

into building stone with permission from the competent authority and which has been reflected in the approved mining plan.

As per the combined sketch prepared by the DMG, there are 55 leases within the 500 meters from this lease area and all these leases were granted prior to 9-9-2013. Based on this the proponent claimed exemption from the cluster effect.

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

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation Ballagere pond which is at a distance of 1.55 KM from the lease area.

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

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

226.55 Proposed Ornamental Granite Quarry Project at Sy.No.144 of Guvvalakanahalli Village, Chikkaballapura Taluk & District (Q.L No.159) (1-20 Acres) by M/s. Sri Balaji Enterprises(SEIAA 506 MIN 2019)

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Sri Balaji Enterprises, Behind Venkateshwara Tent, yelahanka, Bangalore North
2	Name & Location of the Project	"Ornamental Granite Quarry" of M/s. Sri Balaji EnterprisesSy No. 144, Guvvalakanahalli Village, Chickballapur Taluk, Chikkaballapura District, Karnataka

		P No Latitude Longitude			
		A N 13° 30' 38.5" E77°45′02.7"			
		B N 13° 30' 37.7" E77°45′ 09.2"			
3	Co ordinatos of the Project Cite	C N 13° 30' 36.4" E77°45′09.1"			
	Co-ordinates of the Project Site	D N 13° 30' 36.6" E77°45′07.4"			
		E N 13° 30' 37.1" E77°45′07.2"			
		F N 13° 30' 37.7" E77°45′02.6"			
		G.P.S READINGS WGS 84			
4	Type of Project	Ornamental Granite			
5	New / Expansion / Modification / Renewal	Renewal(QL No-159)			
	Type of Land [ Forest,	Government Land			
6	Government Revenue, Gomal,				
	Private/Patta, Other]				
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	NA			
	area in case of River sand				
10	Depth of Sand proposed to be	NA			
10	removed in case of River sand				
	Rate of replenishment in case of	It's Ornamnental Granite Quarry			
11	river sand mining as specified in	·			
	the sustainable sand mining				
	guideline 2016	OCO MOT TO LAND			
	Measurements of the existing	983 MSL Existing Level			
12	quarry pits in case of	·			
12	ongoing/expansion/modification of mining proposals other than				
	river sand				
		3,240Cu.m per annum of Ornamental Granite			
13	Annual Production Proposed	and 608Cu.m per annum for Saleable Building			
	(Metric Tons/ CUM) / Annum	Stone			
	Quantity of Topsoil/Over burden	No topsoil to be proposed during plan period			
14	in cubic meter	and the proposed during plant period			
4-	Mineral Waste Handled (Metric	203Cu.mPer Annum of waste			
15	Tons/ CUM)/ Annum				
16	Project Cost (Rs. In Crores)	0.14crores			
17					
	a. Nearest Forest	Avalagurki Gomala State Forest - 3.75 Kms(W)			
	b. Nearest Human Habitation	Guvvalakanahalli Village – 0.55 Kms(S)			
	c. Educational Institutes,	The nearest post and telegraph office, hospital,			

		Hospital	1 -	e station is situated in ur  - 8.05Kms (S)
	d.	Water Bodies		- 0.75 Kms (NE) liKere  Lake - 1.25 Kms(NE)
	e.	Other Specify		
	Ar	oplicability of General	NA	
18	Co	ndition of the EIA		
	No	otification, 2006		
19	De	tails of Land Use in Ha		
	a.	Area for Mining/ Quarrying	0.210	
	b.	Waste Dumping Area	PAGE	
	c.	Top Soil yard		3-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4
	d.	Mineral Storage Area	0.024	
	e.	Infrastructure Area		
	f.	Road Area	0.037	
	g.	Green Belt Area		
	h.	Unexplored area	0.321	
	i.	Others Specify	0.050	
20	N	Method of Mining/ Quarrying	Semi Mechan	ised Method
21		te of Replenishment in case ver sand project	NA	
22		nter Requirement		
	a.	Source of water	Borewell from	n the village
			Dust	10.5KLD
			Suppression	
	b.	Total Requirement of Water	Domestic	0.8 KLD
		in KLD	Other	0.8 KLD
			Total	12.1 KLD
23	Sto	rm water management plan	Drains will be constructed along the boundary of activity area	
24	Any other information specific to NA			

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal forming part of declared cluster Association for which the proponent stated that combined EMP has been prepared and submitted.

This is an existing lease for which lease was granted in the year 2007. The proponent has stated that he has carried out the mining from 2007-2015 and stopped mining since then till date for which the proponent has submitted an audit report certified by DGM.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept., He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As per the quarry plan approved by DMG there is a level difference of 40 meters and taking this into consideration and also the fact that he has mined 13,800 tons of building stone from 2007-2015 as per audit report, the committee opined that the proposed gross quantity of 20,253 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 80% i.e., 16,200 cum and the waste being 20% i.e., 4,053 cum and it can be converted into building stone with permission from the competent authority and which has been reflected in the approved mining plan.

As per the combined sketch prepared by the DMG, there are 55 leases within the 500 meters from this lease area and all these leases were granted prior to 9-9-2013. Based on this the proponent claimed exemption from the cluster effect.

The proponent has stated that there is a existing cart track road to a length of 590 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation Guvvalakanahalli pond which is at a distance of 1.05 KM from the lease area.

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

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

226.56 Proposed Ornamental Granite Quarry Project at Sy.No.144 of Guvvalakanahalli Village, Chikkaballapura Taluk & District (Q.L No.210) (2-32 Acres) by Sri. A.C Govindappa(SEIAA 507 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. A C Govindappa, Navarathna Agrahara, Sadahalli Post, Devanahalli taluk, Bengaluru Rural District		
2	Name & Location of the Project	"Ornamental Granite Quarry" of Sri. A C Govindappa Sy No. 144, Guvvalakanahalli Village, Chickballapur Taluk, Chikkaballapura District, Karnataka.		
3	Co-ordinates of the Project Site	P No Latitude Longitude A N 13° 30' 41.0" E77°45′09.7" B N 13° 30' 43.1" E77°45′10.0" C N 13° 30' 43.5" E77°45′05.6" D N 13° 30' 44.8" E77°45′05.6" E N 13° 30' 44.9" E77°45′ 11.3" F N 13° 30' 40.9" E77°45′ 11.2" G.P.S READINGS WGS 84		
4	Type of Project	Ornamental Granite		
5	New / Expansion / Modification / Renewal	Renewal(QL No-210)		
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	1.113 Ha		
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamnental Granite Quarry		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than	962 MSL Existing Level		



	riv	er sand		
13		nual Production Proposed etric Tons/ CUM) / Annum	5,372Cu.m per annum of Ornamental Granite and 1,007Cu.m per annum for Saleable Building Stone	
14		antity of Topsoil/Over burden cubic meter	No topsoil to l	be proposed during plan period
15		neral Waste Handled (Metric ns/CUM)/ Annum	336Cu.m per a	annum for Saleable Building Stone
16	Pro	oject Cost (Rs. In Crores)	1.15crores	
17	En	vironmental Sensitivity		
	a.	Nearest Forest	Avalagurki Go	omala State Forest - 3.94 Kms(W)
	b.	Nearest Human Habitation	Guvvalakanal	nalli Village – 0.70 Kms(S)
	c.	Educational Institutes, Hospital	schools, police	ost and telegraph office, hospital, e station is situated in ur - 8.20 Kms (S)
	d.	Water Bodies	Balagerekere -	- 0.75 Kms (NE) iKere Lake - 1.40 Kms(NE)
	e.	Other Specify		
18	Co	plicability of General ndition of the EIA tification, 2006	NA	
19		tails of Land Use in Ha		
	a.	Area for Mining/ Quarrying	0.380	
	b.	Waste Dumping Area	ANY 1734	A second
	C.	Top Soil yard	And the second s	
	d.	Mineral Storage Area	0.040	
	e.	Infrastructure Area	0.012	
	f.	Road Area	0.016	
	g.	Green Belt Area	<del>-</del>	
		Unexplored area	0.645	
	i.	Others Specify	0.020	
20		Method of Mining/ Quarrying	Semi Mechani	ised Method
21	Rate of Replenishment in case River sand project		NA	
22	Water Requirement			
	a.	Source of water	Borewell from	
			Dust Suppression	9.0KLD
	b.	Total Requirement of Water in KLD	Domestic	0.9 KLD
			Other	2.5 KLD
			Total	12.4 KLD
23	Storm water management plan  Drains will be constructed along the bound of activity area		•	

24

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 226th meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal forming part of declared cluster Association for which the proponent stated that combined EMP has been prepared and submitted.

This is an existing lease for which lease was granted in the year 2006. The proponent has stated that he has carried out the mining from 2006-2015 and stopped mining since then till date for which the proponent has submitted an audit report certified by DMG.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept.,

As per the quarry plan approved by DMG there is a level difference of 55 meters and taking this into consideration and also the fact that he has mined 18,650 tons of building stone from 2006-2015 as per audit report, the committee opined that the proposed gross quantity of 33,575 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 80% i.e., 26,860 cum and the waste being 20% i.e., 6,715 cum and it can be converted into building stone with permission from the competent authority and which has been reflected in the approved mining plan.

As per the combined sketch prepared by the DMG, there are 55 leases within the 500 meters from this lease area and all these leases were granted prior to 9-9-2013. Based on this the proponent claimed exemption from the cluster effect.

The proponent has stated that there is a existing cart track road to a length of 700 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation Guvvalakanahalli pond which is at a distance of 1.20 KM from the lease area.

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

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

226.57 Proposed Ornamental Granite Quarry Project at Sy.No.145 of Guvvalanahalli Village, Chikkaballapura Taluk & District (Q.L No.524) (2-00 Acres) by Smt. Lalitha (SEIAA 509 MIN 2019)

Sl. No	PARTICULARS	:	INFORMAT	ION
1	Name & Address of the Project Proponent	SmtLalitha W/o Anjinappa Mugulakuppa Village, Yalagere Post, ChikkaballapurTaluk Chikkaballapur District		
2	Name & Location of the Project	"Ornamental Granite Quarry" Sy No. 145, Guvvalanahalli village, ChikkaballapurTaluk& District, Karnataka.		
	Co-ordinates of the Project Site	BOUNDARY	LATITUDE	LONGITUDE
		A	13° 30'20.6"	77° 44'43.6"
3		В	13° 30'18.6"	77° 44'42.6"
		C	13° 30'17.5"	77° 44'45.0"
		D	13° 30′21.7″	77° 45'46.9"
4	Type of Project	Ornamental	Granite	
5	New / Expansion / Modification / Renewal	Renewal (QL -524)		
	Type of Land [ Forest,	Government Revenue Land		
6	Government Revenue, Gomal, Private/Patta, Other]			
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	0.809 Ha		
	· · · · · · · · · · · · · · · · · · ·			



	ΙΛ.	teral Decile of and disciplination	T N T A
9	Actual Depth of sand in the lease area in case of River sand		NA
	-		NA
10	Depth of Sand proposed to be removed in case of River sand		INA
	<b></b>		It/a Omere en lei Connite Oue
	Rate of replenishment in case of		It's Ornamental Granite Quarry
11		ver sand mining as specified in	
		e sustainable sand mining	
		ideline 2016	It's a Fresh Land
		easurements of the existing	it's a Fresh Land
12		arry pits in case of	·
12	4	going/expansion/modification	
	1	mining proposals other than er sand	
	<del></del>	nual Production Proposed	4220Ctr m par annum of Omemontal and
13		[etric Tons/ CUM) / Annum	4320Cu.m per annum of Ornamental and 810Cu.m per annum for Saleable Building Stone
		antity of Topsoil/Over burden	No topsoil to be proposed during plan period
14		cubic meter	to topson to be proposed during plan period
		neral Waste Handled (Metric	270cu.mper annum
15		ns/ CUM)/ Annum	27 ocu.mper annum
16		oject Cost (Rs. In Crores)	1.05crores
17	<del>}</del>	vironmental Sensitivity	Tiootofes
	a.	Nearest Forest	Avalagurkigomala State Forest - 5.18 Kms (W)
	b.	Nearest Human Habitation	Guvvalakanahallivillage- 0.68Kms (5)
	D.	rearest Human Habitation	
	c.	Educational Institutes,	The nearest post and telegraph office, hospital, schools, police station is situated in
	٠,	Hospital	Chickballapur - 8.10Kms (S)
			Ballagere Lake – 1.61 Kms(E)
	d.	Water Bodies	Byappanahallikere – 2.19 Kms (NE)
	e.	Other Specify	byappanananikere – 2.13 Kins (1VL)
		plicability of General	NA
18		ndition of the EIA	1477
		otification, 2006	
19		tails of Land Use in Hectares	
	a.	Area for Mining/ Quarrying	0.530
	b.	Waste Dumping Area	
	C.	Top Soil yard	
	d. Mineral Storage Area e. Infrastructure Area		0.040
			·
	f.	Road Area	0.010
	g.	Green Belt Area	no.
	h.	Unexplored area	0.179
	i.	Others Specify	0.020
20		Method of Mining/ Quarrying	Semi Mechanised Method
21		te of Replenishment in case	NA
			[

	Riv	ver sand project		
22	Water Requirement			
	a.	Source of water	Borewell from	n the village
			Dust	8.7KLD
		Total Requirement of Water in KLD	Suppression	
	b.		Domestic	1.3 KLD
			Other	1.5 KLD
			Total	11.5 KLD
23	Storm water management plan		Drains will b	e constructed along the boundary
23			of activity area	
24	An	y other information specific to	NA	·
24	the project (Specify)		1	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal forming part of declared cluster Association for which the proponent stated that combined EMP has been prepared and submitted.

This is an existing lease for which lease was granted in the year 2006. The proponent has stated that he has carried out the mining from 2006-2010 and stopped mining since then till date for which the proponent submitted an audit report certified by DMG. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept.,

As per the quarry plan approved by DMG there is a level difference of 25 meters and taking this into consideration and also the fact that he has mined 5,000 tons of building stone from 2006-2010 as per audit report, the committee opined that the proposed gross quantity of 27,000 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 80% i.e., 21,600 cum and the waste being 20% i.e., 5,400 cum and it can be converted into building stone with permission from the competent authority and which has been reflected in the approved mining plan.

As per the combined sketch prepared by the DMG, there are 55 leases within the 500 meters from this lease area and all these leases were granted prior to 9-9-2013. Based on this the proponent claimed exemption from the cluster effect.

The proponent has stated that there is a existing cart track road to a length of 1090 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation Guvvalakanahalli pond which is at a distance of 1.66 KM from the lease area.

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

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

226.58 Proposed Ornamental Granite Quarry Project at Sy.No.144 of Guvvalakanahalli Village, Chikkaballapura Taluk & District (Q.L No.171) (1-22 Acres) by M/s. K.V Enterprises (SEIAA 511 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. K. V, Enterprises., # B-38, 3RD Cross, Prakruthinagar, Kogilu Road, Yelahanka, Bangalore-560064.
2	Name & Location of the Project	"Ornamental Granite Quarry" of K. V, Enterprises Sy No. 144, Guvvalakanahalli Village, Chickballapur Taluk, Chikkaballapura District, Karnataka

C 2000

A N13° 30′ 44.7° E77°45′02.4° B N13° 30′ 44.7° E77°45′02.4° C N13° 30′ 44.5° E77°45′02.4° C N13° 30′ 43.5° E77°45′03.0° F N13° 30′ 43.5° E77°45′03.0° F N13° 30′ 43.5° E77°45′03.0° F N13° 30′ 43.5° E77°45′03.1° E77°45′03.1° E77°45′03.1° E77°45′03.1° E77°45′03.1° E77°45′03.1° E77°45′03.1° E77°45′03.1° E77°45′03.1° E77°45′03.1° E77°45′03.1° E77°45°03.1° E77°45°03.1° E77°45°03.1° E77°45°03.1° E77°45°03.1° E77°45°03.1° E77°45°03.1° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E77°45°03.0° E			P No Latitude Longitude				
B							
Co-ordinates of the Project Site   D N 13° 30′ 43.5"   E77°45′05.1"   E N 13° 30′ 43.5"   E77°45′03.0"   F N 13° 30′ 43.5"   E77°45′03.0"   E N 13° 30′ 43.5"   E77°45′03.0"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.1"   E N 13° 30′ 43.5"   E77°45′03.0"   E N 13° 30′ 43.5"   E77°45′03.0"   E N 13° 30′ 43.5"   E77°45′03.0"   E T7°45′03.0"   E T7°45°03.0"   E T7°45°03.0"							
Type of Project  Type of Project  Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]  Whether the project site fall within ESZ/ESA  Area in Ha  Actual Depth of sand in the lease area in case of River sand  Rate of replenishment in case of river sand mining guideline 2016  Measurements of the existing quarry pits in case of most of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Measuremental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guvvalakanahalli Village - 0.60 Kms(S)			C N 13° 30' 46.4" E77°45'05.0"				
Type of Project  New / Expansion / Modification / Renewal  Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]  Whether the project site fall within ESZ/ESA  Acra in Ha  Actual Depth of sand in the lease area in case of River sand  Renewoved in case of River sand  Rate of replenishment in case of river sand mining guideline 2016  Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Avalagurki Gomala State Forest — 3.80 Kms(W)  Guvvalakanahalli Village = 0.60 Kms(S)	3	Co-ordinates of the Project Site	D N 13° 30' 43.5" E77°45′05.1"				
4 Type of Project Ornamental Granite  5 New / Expansion / Modification / Renewal  6 Type of Land [ Forest, Government Revenue, Gomal, Private/ Patta, Other]  7 Whether the project site fall within ESZ/ESA  8 Area in Ha  9 Actual Depth of sand in the lease area in case of River sand  10 Depth of Sand proposed to be removed in case of River sand  11 Type of Land [ Forest, Government Land Governmen			E N 13° 30' 43.7" E77°45' 03.0"				
Type of Project  Type of Project  New / Expansion / Modification / Renewal (QL No-171)  Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]  Whether the project site fall within ESZ/ESA  Area in Ha  Octave of River sand  Depth of Sand proposed to be removed in case of River sand  Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016  Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  A Na rea in Ha  Octave Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  A No topsoil to be proposed during plan period in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  A No topsoil to be proposed during plan period in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  A No topsoil to be proposed during plan period in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  A No topsoil to be proposed during plan period in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  A No topsoil to be proposed during plan period in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  A No topsoil to be proposed during plan period in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  A No topsoil to be proposed during plan period in cubic meter			F N 13° 30' 44.6" E77°45' 03.1"				
1 Type of Project    New / Expansion / Modification / Renewal   Renewal(QL No-171)			G.P.S READINGS WGS 84				
Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]   Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]   No within ESZ/ESA   Na Area in Ha   0.628 Ha   NA	4	Type of Project	Ornamental Granite				
6 Government Revenue, Gomal, Private/Patta, Other] 7 Whether the project site fall within ESZ/ESA 8 Area in Ha 9 Actual Depth of sand in the lease area in case of River sand 10 Depth of Sand proposed to be removed in case of River sand Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016 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 14 Quantity of Topsoil/Over burden in cubic meter 15 Mineral Waste Handled (Metric Tons/ CUM) / Annum 16 Project Cost (Rs. In Crores) 17 Environmental Sensitivity a. Nearest Forest  No desurements of the existing and 675Cu.m per annum of Ornamental Granite and 675Cu.m per annum of Orna	5	_	Renewal(QL No-171)				
Private/Patta, Other]  Whether the project site fall within ESZ/ESA  Area in Ha  October Sand in the lease area in case of River sand  Depth of Sand proposed to be removed in case of River sand  Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016  Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)		Type of Land [ Forest,	Government Land				
Whether the project site fall within ESZ/ESA   Area in Ha   0.628 Ha	6	Government Revenue, Gomal,					
within ESZ/ESA  8		Private/Patta, Other]					
Actual Depth of sand in the lease area in case of River sand  Depth of Sand proposed to be removed in case of River sand  Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016  Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  14 Project Cost (Rs. In Crores)  Tomory Cumental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Annual Production Proposed (Metric Tons/ Cumental Sensitivity)  Avalagurki Gomala State Forest - 3.80 Kms(W)	7	- ,	No				
area in case of River sand  Depth of Sand proposed to be removed in case of River sand  Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016  Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)	8	Area in Ha	0.628 Ha				
area in case of River sand  Depth of Sand proposed to be removed in case of River sand  Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016  Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Robert Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Robert Handled (Metric Tons/ CUM) / Annum  Robert Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Robert	0	Actual Depth of sand in the lease	NA				
removed in case of River sand  Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016  Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  River Saleable Building Stone  No topsoil to be proposed during plan period in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Ton	9	_					
removed in case of River sand  Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016  Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Me	40	Depth of Sand proposed to be	NA				
river sand mining as specified in the sustainable sand mining guideline 2016  Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Tenvironmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)	10						
the sustamable sand mining guideline 2016  Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Tenvironmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)	11	river sand mining as specified in	It's Ornamnental Granite Quarry				
quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)			·				
ongoing/expansion/modification of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)		ů.	960 MSL Existing Level				
of mining proposals other than river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)							
river sand  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Tons/ Cumper annum of Ornamental Granite and 675Cu.m per annum for Saleable Building Stone  No topsoil to be proposed during plan period  225Cu.m per annum of Waste  225Cu.m per annum of Ornamental Granite and 675Cu.m per annum for Saleable Building Stone  No topsoil to be proposed during plan period  225Cu.m per annum of Ornamental Granite and 675Cu.m per annum for Saleable Building Stone  No topsoil to be proposed during plan period  225Cu.m per annum of Ornamental Granite and 675Cu.m per annum for Saleable Building Stone  No topsoil to be proposed during plan period  225Cu.m per annum of Ornamental Granite and 675Cu.m per annum for Saleable Building Stone  No topsoil to be proposed during plan period  225Cu.m per annum of Ornamental Granite and 675Cu.m per annum for Saleable Building Stone  No topsoil to be proposed during plan period  Avalagured Gu.m per annum for Saleable Building Stone  Avalagured Gu.m per annum for Saleable Building Stone	12	ongoing/expansion/modification					
Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)		01 1					
Annual Froduction Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)		river sand					
Metric Tons/ CUM) / Annum   Stone		Annual Production Proposed					
Quantity of Topsoil/Over burden in cubic meter  No topsoil to be proposed during plan period  Mineral Waste Handled (Metric Tons/ CUM)/ Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)	13	-	_				
in cubic meter  Mineral Waste Handled (Metric Tons/ CUM)/ Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)							
m cubic meter  Mineral Waste Handled (Metric Tons/ CUM)/ Annum  16 Project Cost (Rs. In Crores) 0.14crores  17 Environmental Sensitivity  a. Nearest Forest Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)	14	·	No topsoil to be proposed during plan period				
Tons/ CUM)/ Annum  16 Project Cost (Rs. In Crores)  17 Environmental Sensitivity  a. Nearest Forest  Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)	LT	in cubic meter					
16 Project Cost (Rs. In Crores) 0.14crores  17 Environmental Sensitivity  a. Nearest Forest Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)	15	•	225Cu.m per annumof waste				
17 Environmental Sensitivity  a. Nearest Forest Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)	1.0						
a. Nearest Forest Avalagurki Gomala State Forest - 3.80 Kms(W)  Guyvalakanahalli Village - 0.60 Kms(S)	16	Project Cost (Rs. In Crores)	0.14crores				
Guyyalakanahalli Village - 0.60 Kms(S)	17	Environmental Sensitivity					
Guvvalakanahalli Village - 0.60 Kms(S)		a. Nearest Forest					
b. Realest Human Habitation		b. Nearest Human Habitation	Guvvalakanahalli Village - 0.60 Kms(S)				
c. Educational Institutes, The nearest post and telegraph office, hospital,		c. Educational Institutes,	The nearest post and telegraph office, hospital,				

	,	Hospital	schools, police station is situated in Chikkaballapur - 8.00 Kms (S)		
	d.	Water Bodies	Balagerekere - 0.85 Kms (NE) ByappanahalliKere Lake - 1.30 Kms(NE)		
	e.	Other Specify			
	Ap	plicability of General	NA		
18 Condition of the EIA					
	Notification, 2006				
19	De	tails of Land Use in Ha			
	a.	Area for Mining/ Quarrying	0.300		
	b.	Waste Dumping Area	Appear		
	c.	Top Soil yard			
	d.	Mineral Storage Area	0.036		
	e.	Infrastructure Area			
	f.	Road Area	0.010		
	g.	Green Belt Area	oncaria		
	h.	Unexplored area	0.232		
	i.	Others Specify	0.050		
20	N	Method of Mining/ Quarrying	Semi Mechani	ised Method	
21	i	te of Replenishment in case ver sand project	NA		
22	Wa	nter Requirement			
	a.	Source of water	Borewell from the village		
			Dust	10.6KLD	
		Total Requirement of Water in KLD	Suppression		
	b.		Domestic	0.8 KLD	
			Other	0.7 KLD	
			Total	12.1 KLD	
23	Storm water management plan  Drains will be constructed along the of activity area		· · · · · · · · · · · · · · · · · · ·		
24	1	y other information specific to project (Specify)	NA .		

The Proponent and Environment Consultant attended the 226th meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal forming part of declared cluster Association for which combined EMP has been prepared and submitted. He has also stated that his project

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

This is an existing lease for which lease was granted in the year 2011. The proponent has stated that he has carried out the mining from 2011-2015 and stopped mining since then till date for which the proponent submitted an audit report certified by DMG.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept.,

As per the quarry plan approved by DMG there is a level difference of 50 meters and taking this into consideration and also the fact that he has mined 3,300 tons of building stone from 2011-2015 as per audit report, the committee opined that the proposed gross quantity of 22,500 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 80% i.e., 18,000 cum and the waste being 20% i.e., 4,500 cum and it can be converted into building stone with permission from the competent authority and which has been reflected in the approved mining plan.

As per the combined sketch prepared by the DMG, there are 55 leases within the 500 meters from this lease area and all these leases were granted prior to 9-9-2013. Based on this the proponent claimed exemption from the cluster effect.

The proponent has stated that there is a existing cart track road to a length of 350 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation Guvvalakanahalli pond which is at a distance of 1.30 KM from the lease area.

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

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

ED 0 DE

226.59 Proposed Ornamental Granite Quarry Project at Sy.No.144 of Guvvalakanahalli Village, Chikkaballapura Taluk & District (Q.L No.217) (2-00 Acres) by M/s. Kanakadurga Enterprises (SEIAA 512 MIN 2019)

SI. No	PARTICULARS	INFORMATION			
1	Name & Address of the Project Proponent	M/s Kanakadurga Enterprises No. 208, Prakruthi Chandana Apartments, Kashinagar Road, Amruthahalli, Byatarayanapura, Bengaluru – 560 092			
2	Name & Location of the Project	"Ornamental Granite Quarry" Sy No. 144, Guvvalanahalli village, CkikkaballapurTaluk& District, Karnataka.			
		BOUNDARY POINT	LATITUDE	LONGINIDE	
	Co-ordinates of the Project Site	A	13 30 37.9	77° 45'09.3°	
3		B	13* 30'39.4"	77° 45'09,5°	
		C	13 <sup>6</sup> 30/38,9*	77° 45' 14.5"	
		D	13° 30'36.9"	77" 45" 14.0"	
4	Type of Project	Ornamental Granite			
5	New / Expansion / Modification / Renewal	Renewal(QL No-217)			
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 in case of River sand	NA			
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	It's Ornamental Granite Quarry			
12	Measurements of the existing	easurements of the existing It's a Fresh Land			

	T		T		
	_	arry pits in case of			
	ongoing/expansion/modification				
		mining proposals other than			
<u> </u>	river sand		4.000C		
13	(Metric Tons/ CUM) / Annum		4,320Cu.m per annum of Ornamental and 810 Cu.m per annum for Saleable Building Stone		
ļ					
14	Quantity of Topsoil/Over burden		No topsoil to be proposed during plan period		
	in cubic meter		270 are more appared of greate		
15	1	neral Waste Handled (Metric ns/ CUM)/ Annum	270 cu.mper annum of waste		
16		oject Cost (Rs. In Crores)	1.06crores		
17	<del></del>	vironmental Sensitivity	1.00010165		
17	a.	Nearest Forest	AvalagurkiComala	Reserved Forest - 5.8 (W)	
	b.	Nearest Human Habitation	Guvvalakanahallivi		
	D.	Treatest Tunian Habitation			
		Educational Institutes, Hospital	_	and telegraph office, hospital,	
	C.		schools, police station is situated in Chickballapur - 7.5Kms (S)		
-			Balagerekere - 0.66k		
	d.	Water Bodies	, –	Lake - 1.20Kms(NE)	
	e.	Other Specify	by appanananicie	Lake Tacking(IVL)	
ļ	<u></u>	plicability of General	NA		
18		ndition of the EIA	1421		
	ł	tification, 2006			
19		tails of Land Use in Hectares	L	the production of the state of	
	a.	Area for Mining/ Quarrying	0.570		
	b.	Waste Dumping Area		·	
	c.	Top Soil yard			
	d.	Mineral Storage Area	0.015		
	e,	Infrastructure Area	0.010		
	f.	Road Area	0-020		
	g.	Green Belt Area			
	h.	Unexplored area	0.154		
	i.	Others Specify	0.040		
20	M	Method of Mining/ Quarrying	Semi Mechanised Method		
21	Rat	te of Replenishment in case	NA		
<b>Z</b> ,1	Riv	er sand project	, , , , , , , , , , , , , , , , , , , ,		
22	Water Requirement				
	a.	Source of water	Borewell from the v		
	Ъ.	₩.	Dust Suppression	8.53KLD	
'		Total Requirement of Water	Domestic	1.22 KLD	
	٥.	in KLD	Other	1.55 KLD	
	,		Total	11.3 KLD	
23	i Storm water management nian 🔠 :		Drains will be constructed along the boundary of		
		muingement punt	activity area		
				_	

Name of Street

供

24

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 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal forming part of declared cluster Association for which the proponent stated that combined EMP has been prepared and same has been approved as a part of quarry plan by DMG.

This is an existing lease for which lease was granted in the year 2005. The proponent has stated that he has carried out the mining from 2005-2015 and stopped mining since then till date for which the proponent submitted an audit report certified by DMG.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept.,

As per the quarry plan approved by DMG there is a level difference of 10 meters and taking this into consideration and also the fact that he has mined 17,500 tons of building stone from 2005-2015 as per audit report, the committee opined that the proposed gross quantity of 26,973 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 80% i.e., 21,578 cum and the waste being 20% i.e., 5,395 cum and it can be converted into building stone with permission from the competent authority and which has been reflected in the approved mining plan.

As per the combined sketch prepared by the DMG, there are 55 leases within the 500 meters from this lease area and all these leases were granted prior to 9-9-2013. Based on this the proponent claimed exemption from the cluster effect.

The proponent has stated that there is a existing cart track road to a length of 350 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation Guvvalakanahalli pond which is at a distance of 1.05 KM from the lease area.

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

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

## **Deferred Subjects:**

226.60 Proposed Building Stone Quarry over an extent of 0.30 Acres at Sy.No.110, Karadubande Hosahalli Village, Kolar Taluk, Kolar District by M/s. Shashank Stone Works(SEIAA 232 MIN 2019)

SI. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	M/s Shashank Stone Works Partner: Sri S.M Nandish Gowda No. 199, Siddapura, Ramagondanahalli post, Bangalore -560066.		
2	Name & Location of the Project	"Building Stone Quarry" of M/s Shashank Stone Works Sy. No. 110, KaradubandeHosahalli village, Kolar Taluk, Kolar District, Karnataka		
3	Co-ordinates of the Project Site	Latitude: N 13° 06' 19.90" to N13° 06' 22.97" Longitude: E 77° 58' 11.59" to E 77° 58' 13.90"		
4	Type of Mineral	Building Stone Quarry		
5	New / Expansion / Modification / Renewal	New		
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Gomala Land		
7	Whether the project site fall within ESZ/ESA	No		

8	Area in Ha	0.300588 Ha		
		DIA		
9	Actual Depth of sand in the lease area in case of River sand	NA		
<u> </u>	Depth of Sand proposed to be	NA		
10	removed			
	Rate of replenishment in case of	It's a Building Stone Quarry		
11	river sand mining as specified in			
11	the sustainable sand mining			
	guideline 2016			
	Measurements of the existing	NA		
10	quarry pits in case of			
12	ongoing/expansion/modification			
	of mining proposals other than river sand			
1.5	Annual Production Proposed	19,528 Tons/annum		
13	(Metric Tons/ CUM) / Annum	,,		
14	Quantity of Topsoil/Over burden	There is No topsoil Available in this area.		
14	in cubic meter			
15	Mineral Waste Handled (Metric	Total 1,990 Tons		
*********	Tons/ CUM)			
16	Project Cost (Rs. In Crores) 1.65 crores			
17	Environmental Sensitivity  No Forcet Associable within 5 Kms			
	a. Nearest Forest b. Nearest Human Habitation	No Forest Avaialable within 5 Kms  Variable Manager 1 15 kms (W)		
	Educational Institutes,	KaradubandeHosahalli - 1.15 kms(W) Kolar - 15.65 kms(E)		
	c. Hospital	Rolai - 10.00 Kilis(E)		
		Yantrakaipura pond 0.75 Kms(SE)		
	d. Water Bodies	Appasandra pond 1.01 kms (NE)		
	e. Other Specify			
	Applicability of General			
18	Condition of the EIA	· ·		
40	Notification, 2006			
19	Details of Land Use in Hectares	0.10		
	a. Area for Mining/ Quarrying	0-10		
ļ	b. Waste Dumping Area	0-02		
	c. Top Soil Storage Area	-  <sub>0.04</sub>		
	d. Mineral Storage Area e. Infrastructure Area	_ 0-04		
	e. Infrastructure Area f. Road Area	0-02		
<del> </del>		0-02		
	g.   Green Belt Area/Buffer Zone h.   Unexplored area	U-12		
	i. Others Specify			
20	Method of Mining/ Quarrying	Semi Mechanised Method Open quarrying		
	3/ 2 3			

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 Domestic Other Total	12.44 KLD  1.55 KLD  1.23 KLD  15.22 KLD
23	Storm water management plan		Drains will be constructed along the boundary of activity area	
24	Any other information specific to the project (Specify)		NA	

The proposal was placed before the committee for appraisal.

The proponent was invited for the 224<sup>th</sup> meeting held on 15-6-2019 to provide required clarification. The proponent remained absent without intimation.

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

The proponent and Environment consultant attended the 226<sup>th</sup> meeting held on 10-7-2019 to provide clarification and additional information.

The committee noted that this is a existing quarry for which the lease was granted during 2009. The proponent has stated that he has operated the mine from 2009-2015 and stopped mining from 2015 to till date as per audit report certified by DMG. The proponent has stated that he has obtained NOCs from Forest and Revenue Department. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

As seen from the quarry plan there is a level difference 2meters within the mining area and taking this into consideration the committee opined that the 20% of the proposed quantity of 36,000 cum or 97,000 tons can be mined safely and scientifically to a quarry pit depth of 12 meters.

The proponent has stated that since his lease was granted prior to 9-9-2013, his lease is exempted from cluster effect.

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

As far as CER is concerned the proponent has stated, that he will earmark Rs.50,000/- to take up solar street lighting at the nearby village i.e Karadubande village which is at a distance of 1.1 KM from the lease area.

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

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

226.61 Proposed Building Stone Quarry in 3-00 Acres of Sy.No.172, Bisalvadi Village, Chamarajanagar Taluk & District by Sri. K. Bhaskar (SEIAA 210 MIN 2019)

Sl.	PARTICULARS	INFORMATION			
No	TARTICOLARS	INTORVIATION			
		Sri. K. Bhaskar			
1	Name & Address of the Project Proponent	S/o. Sri Kannan			
		Bisalavadi Village,			
		Chama	rajanagaraTaluk &	District, Karnataka	
		Email i	d: enviprogroup@g	gmail.com	
		Building Stone Quarry in 3.00 Acres of Govt			
2	Name & Location of the Project	Revenue Land bearing Sy. No. 172 Bisalavadi			
		Village, Chamarajanagara Taluk & District,			
		Karnata	ika.		
	Co-ordinates of the Project Site	Point	Latitude	Longitude	
		No.			
3		A	11º48′43.9″	76º56'19.0"	
3		В	11048'46.7"	76º55'21.2"	
		С	11048'48.8"	76°56′18.2″	
		D	11048'46.2"	76°56′16.0″	
4	Type of Mineral	Building Stone			
5	New / Expansion / Modification	Deemed Renewal (QL No. 254 w.e.f. 25th Aug			
J	/ Renewal	2009)			
	Type of Land [ Forest,	Govt. Revenue Land			
6	Government Revenue, Gomal,				
	Private/Patta, Other]				
7	Whether the project site fall within	No			
-	ESZ/ESA				
8	Area in Ha	1.21 Ha.			



9		tual Depth of sand in the lease	NA
	<del></del>	ea in case of River sand	
10	1	pth of Sand proposed to be	NA
	ren	noved in case of River sand	
	1	te of replenishment in case of	NA
11	riv	er sand mining as specified in	
11	the	sustainable sand mining	
	gui	ideline 2016	
	Me	easurements of the existing	NA
	qua	arry pits in case of	
12	on	going/expansion/modification	
	of i	mining proposals other than	,
	riv	er sand	
13	An	nual Production Proposed	58,359 (Avg.) Tons/ Annum
13	(M	etric Tons/ CUM) / Annum	
14	+	antity of Topsoil/Over burden	None
14	1	cubic meter	
15	Mi	neral Waste Handled (Metric	1,191 Tons/Annum
15	To	ns/ CUM)/ Annum	
16		oject Cost (Rs. In Crores)	0.15
17	+	vironmental Sensitivity	
		NT.	Bisalavadi Forest 0.350m
	a.	Nearest Forest	BRT Tiger Reserves 10.2 Km
	b.	Nearest Human Habitation	Bisalavadi – 1.25 Km
		T-decoration of Institutes	Govt. High School Basavatti - 1.25 Km
1	c.	Educational Institutes,	Community Health Centre Santhemarahalli
		Hospital	1.0 Km
			Kodlugane Kere 4.25 Km E-NE
	1		Hannahalli Kere 3.5 Km W-NW
	d.	Water Bodies	Vadagalpuranudi Kere 4.75 Km W-NW
}		,	Bisalvadi Kere 1.75 Km S-SE
2			Bandigaudanahalli Kere 3.75 Km S-SE
	e.	Other Specify	
	Ap	plicability of General	None
18		ndition of the EIA Notification,	
	200	06	
19	Det	tails of Land Use in Acres	
	a.	Area for Mining/ Quarrying	2-01
1	b.	Waste Dumping Area	0-05
•	C.	Top Soil Storage Area	
	d.	Mineral Storage Area	0-02
	e.	Infrastructure Area	
	f.	Road Area	0-02
· .	g.	Green Belt Area	0-30
	h.	Unexplored area	
L			

	i. Others Specify		u u	
20	Meth	od of Mining/ Quarrying	Opencast Semi-mechanized	
21	Rate of	Replenishment in case	NA	
	River s	and project		
22	Water	Requirement		
	a.	Source of water	Nearby Borewell Wat	er
		Total Requirement of Water in KLD	Dust Suppression	6.7 KLD
	b.		Domestic	1.2 KLD
ł	D.		Other	0.3 KLD
			Total	8.2 KLD
23	Storm water management plan		Will be carried out.	
24	Any ot	her information specific to	None	
Z4	the pro	eject (Specify)		

The Proponent and Environment Consultant attended the 224th meeting held on 14-6-2019 to provide clarification/additional information.  $\cdot$ 

During the meeting, the proponent has failed to submit the Audit Report issued from the competent authority for which the proponent has agreed to submit the same and come for the appraisal in the next meeting.

The committee after discussion decided to defer the subject.

The proponent and Environment consultant attended the 226th meeting held on 10-7-2019 and submitted the audit report during meeting.

The committee noted that this is a existing quarry the lease for which was granted during 2004. The proponent has stated that he has operated the mine from 2004-2015 and stopped mining from 2015 to till date as per the audit report certified by DMG. The proponent has stated that he has obtained NOCs from Forest and Revenue Department.

As seen from the quarry plan there is a level difference 27 meters within the mining area and taking this into consideration and the quantity of 85,488 tons already mined as per the audit report from 2004-2015, the committee opined that the proposed quantity of 1,10,000 cum or 2,91,795 tons can be mined safely and scientifically to a quarry pit depth of 12 meters. He has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

The proponent has stated that since his lease was granted prior to 9-9-2013, his lease is exempted from cluster effect.

As far as approach road is concerned, the proponent has stated that, there is a existing cart track road to a length of 430 meters connecting lease area to all weather road.

As far as CER is concerned the proponent has stated, that he will earmark Rs.5.00 lakes to take up solar street lighting at the nearby village i.e Bisalavadi village which is at a distance of 1.0 KM from the lease area.

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

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

226.62 Proposed Building Stone Quarry(M-sand) at Govt Gomala Land at Sy.No.47, Bettahalli, Malur District Kolar (8-00 Acres) by Sri. T. Basapathi (SEIAA 57 MIN 2019)

Sl. No	PARTICULARS	INFORMATION			
1	Name & Address of the Project Proponent	Sir T. Basapathi No.59\6 <sup>th</sup> cross, VeerannaAashrama, Malleshwaram, Bangalore-560003.			
2	Name & Location of the Project	Building Stone (M-sand) Quarry of Sri.T.Basapathi, Extent of 8-00 Acers under part of Sy.No-47 Bettahalli Village, MalurTaluk, Kolar District, Karnataka.			
3	Co-ordinates of the Project Site	Boundary Points A B C	Latitude  N 12° 58′ 50.3955″  N 12° 58′ 52.1899″  N 12° 58′ 48.2326″  N 12° 58′ 46.6309″	E 78° 06′ 26.6638″ E 78° 06′ 34.4089″ E 78° 06′ 36.4797″ E 78° 06′ 28.6236″	
4	Type of Mineral	Building sto	ne		

5	New / Expansion Modification Renewal	/ New /		
6	Type of Land [ Ford Government Reven Gomal, Private/Pa Other]			
7	Whether the projective fall with ESZ/ESA			
8	Area in Ha	3.237 ha		
9	Actual Depth of sa in the lease area in c of River sand	ase		
10	Depth of Sa proposed to removed	nd NA be		
11	Annual Product Proposed (Me Tons/ CUM) / Ann	$\frac{2^{\text{rd}}}{3^{\text{rd}}} = \frac{3}{7} \frac{3}{7} \frac{7}{4} \frac{7}{2}$		
12	Quantity Topsoil/Over burd in cubic meter	of Nill		
13	Mineral Wa Handled (Me Tons/ CUM)/ Annu	ric m		
14	Project Cost (Rs)	50 lakhs.		
15	Environmental Sens	tivity		
	a. Nearest Forest			
	Nearest b. Human Habitation	Bettahalli 0.8 km from the proposed lease area.		
	Educational Malur 18.5 km from the proposed lease area. c. Institutes, Hospital			
	d. Water Bodies			

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	e.	Other	Specify			
	Ap	plicabil	ity of			
1.0	General Condition		•			
16	of the EIA					
	No	tificatio	n, 2006			
17	Details of Land Use in Ha			in Ha		
	S	l. No.	I	articulars	Total land us	e at the end of plan period
						in acres
		1	Area	o be excavated		6-20
		2	Stora	age of top soil		0-10
		3	Infrastru	ıcture(workshop,		0-01
			adminis	trative building)		
		4		Roads	And the second s	0-04
		5		Railways	**************************************	
		6	(	Green belt		1-05
		Total		al		8-00
18	Mir	thod of ning/ arrying	Metho	0		rith Open Cast Method. Dading and unloading
19	Wa					
	a.	Source water	e of	Bore well is the source of water used in the Quarry and it borrowed from nearby village.  About 6.0 KL/day of water is proposed to be utilized for domestic purposes, sprinkling for dust suppression Afforestation etc.		
		Total	,	Dust Suppuration	Į.	2
	b.	Requi	rement	Domestic		2
	D.	of W	later in	Other		2
		KLD		Total		6
	Sto	m	water	-		
20	mai	nageme	nt			
	plai	1				· · · · · · · · · · · · · · · · · · ·

The proponent was invited for the 218th meeting held on 12-3-2019 to provide required clarification. The proponent remained absent and submitted a letter through their consultant during the meeting requesting to consider their file in the next 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.

The proponent was invited for the 221st meeting held on 24-4-2019 to provide clarification and additional information.

The committee noted that this is a new quarry lease, the notification for which was issued on 10-8-2018 for 20 years. As per the combined sketch prepared by the DMG there are 10 quarry leases within the 500 meter radius from this lease area, out of which seven leases were granted prior to 9-9-2013 which have been exempted from cluster effect. The combined area of balance three leases is 13 Acres 30 guntas which is more than the threshold limit of 5 Ha., for which the proponent has stated that the owner of one lease area Smt. Savithramma has applied for cancellation of her lease but the cancellation procedures has not yet been completed for which the proponent has stated that he will come back after the cancellation process is completed. Hence the committee decided to recommend for closure.

The Authority perused the proposal and took note of the recommendation of SEAC and decided to close the file as withdrawn and delist from the pendency in its 168<sup>th</sup> meeting.

In continuation of the decision of SEIAA during its meeting held on 18th May 2019, the SEIAA has reopened the file based on the request of proponent vide letter dated:11-7-2019 for which he has also paid additional processing fees.

The proponent and Environment consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification and additional information.

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

As per the combined sketch prepared by the DMG there are total ten leases, out of this seven lease grants were prior to 9-9-2013 and one lease has been cancelled by DMG and the area of remaining two leases is 10 Acres 30 guntas and this being less than the threshold limit of 5 Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the quarry plan approved by DMG there is a level difference of 36 meters and taking this into consideration and also the fact that the wastage of 1,10,745 tons being generated, the committee opined that 90% of the proposed quantity of 8,32,698 cum or 22,14,975 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 20 meters.

The proponent has stated that there is a existing cart track road to a length of 1.30 KM connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.15.00 lakhs towards rejuvenation of Makarahalli kere which is at a distance of 2.0 KM from the lease area.

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

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

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

226.63 Proposed Building Stone Quarry (M-sand) in Govt Gomala Land at Sy. No. 47, Bettahalli, Malur, Kolar District (2-30 Acres) by Smt. Savithramma(SEIAA 59 MIN 2019)

Sl. No	PARTICULARS	INFORMAT	TION	
		SmtSavithramma		
1	Name & Address of the Project	C/o T. Basa	L .	
•	Proponent	•	ross, Veeranna Aashi	,
		-b	am, Bangalore-560 00	V-1-2
			ne (M-sand) Quarry	of
l		SmtSavithra		
2	Name & Location of the		30 Acers under part o	· .
	Project	SmtSavithrammaBettahalli Village,		
		MalurTaluk,Kolar District, Karnataka.		
'	÷ .	Boundary	Latitude	Longitude
		Points		
		A	N 12º 58′ 52.1299″	E 78° 06′ 34.0815″
	C Transacti Basinesis	В	N 12º 58' 52.9554"	E 78° 06′ 37.6122′
3	Co-ordinates of the Project Site	С	N 12º 58′ 51.6573″	E 78° 06′ 38.1758″
		D	N 12º 58' 48.8297"	E 78° 06′ 37.2898′
		E	N 12º 58′ 46.4886″	E 78° 06′ 37.4917″
		F	N 12º 58′ 48.2326″	E 78° 06′ 36.4797′
4	Type of Mineral	Building sto	ne	

5	New / Expansion / Modification / Renewal	New				
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Governm	nent Gomala Land			
7	Whether the project site fall within ESZ/ESA	No				
8	Area in Ha	1.112	The second secon			
9	Actual Depth of sand in the lease area in case of River sand	NA		MONTH OF THE BOOK AND AND AND AND AND AND AND AND AND AND		
10	Depth of Sand proposed to be removed	NA				
		Year	Saleable Building Stone in Tonnes			
	Annual Production Proposed	1st	43,584			
11	(Metric Tons/ CUM) / Annum	2 <sup>nd</sup>	45,319	·		
	(**************************************	3rd	47,291			
		4 <sup>th</sup> 5th	78,615 82,592			
		Total	<b>2,97401</b>			
12	Quantity of Topsoil/Over burden in cubic meter					
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	15654 To	nnes for a period of 5	years.		
14	Project Cost (Rs)	25 lakhs.		-		
15	Environmental Sensitivity					
	a. Nearest Forest					
	Habitation		om the proposed leas			
	Educational Malur18 c. Institutes, Hospital	3.7km from	the proposed lease a	rea.		
	d. Water Bodies -					
	e. Other Specify -					
	Applicability of General Condition of					
16	the EIA Notification, 2006					
17	Details of Land Use in Ha	- store delication of the state				
	Sl. Particu	lars	Total land use at	the end of		
			mental and an analysis of the same of the	100		

		. ,	No.	SECTION CONTINUES OF THE SECTION CONTINUES OF	plan period in acres	
<u> </u>			1	Area to be excavated	1-34	
			2	Storage of top soil	0-04	
			3	Infrastructure(workshop,admi	0-01	
			}	nistrative building)		
			4	Roads	0~02	
			5	Railways	## ·	
			6	Green belt	0-29	
			Tota		2-30	
			1		attores acusso (albas ca space) micro areas carrent management and acus acus constructions and acus acus acus acus acus acus acus acus	
	1	ethod	of			
18	•	ning/		Method of Mining is Semi-Mechanized with Open Cast Method.		
10	<del></del>	arryir	ıg	The mining operation involves drilling, loading and unloading		
19	1	iter quiren	nont			
	IXX	Juli Ci	LICIE	Bore well is the source of	water used in the Quarry	and it is
		_		borrowed from nearby wills	5	and it is
	a.	Sour		,	vater is proposed to be ut	ilized for
		wate	r	• • •	ing for dust suppression, Aff	
				etc.		
		Total		Dust Suppuration	1	
	b.	_	ireme	Domestic	1	<del>,</del>
	D.	_	Water	Other	1	
		in KI	—————	Total	3	
	Sto		water	-		
20	1	nagen	nent			
	pla	n				

The proponent was invited for the 218th meeting held on 12-3-2019 to provide required clarification. The proponent remained absent and submitted a letter through their consultant during the meeting requesting to consider their file in the next meeting.

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

The proponent has submitted a letter vide dated:16-3-2019 requesting to withdraw their application and also requesting to close their application. The same was placed before the 222<sup>nd</sup> meeting. The committee noted that since the proponent has volunteered to withdraw the proposal and a letter has also been made out in this



regard. In view of the above committee after discussion and deliberations decided to recommend the proposal for closure.

The Authority perused the proposal and took note of the recommendation of SEAC and decided to close the file as withdrawn and delist from the pendency in its  $168^{th}$  meeting.

In continuation of the decision of SEIAA during its meeting held on 18th May 2019, the SEIAA has reopened the file based on the request of proponent vide letter dated:11-7-2019 to the authority, for which he has also paid additional processing fees.

The proponent and Environment consultant attended the meeting held on 11-7-2019 to provide clarification and additional information. The committee observed that this is a fresh lease involving building stone mining in government land. The proponent has stated that he has obtained NOCs from Forest and Revenue Departments.

As per the combined sketch prepared by the DMG there are total ten leases, out of this seven lease grants were prior to 9-9-2013 and one lease has been cancelled by DMG and the area of remaining two leases is 10 Acres 30 guntas and this being less than the threshold limit of 5 Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the quarry plan approved by DMG there is a level difference of 20 meters and taking this into consideration and also the fact that the wastage of 15,654 tons being generated, the committee opined that the proposed quantity of 1,17,692 cum or 3,13,055 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 10 meters.

The proponent has stated that there is a existing cart track road to a length of 1.40 KM connecting the lease area to all weather road.

As far as CER is concerned, the proponent has stated that he has earmarked Rs.2.50 lakhs towards rejuvenation of Makarahalli kere which is at a distance of 2.0 KM from the lease area.

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

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

226.64 Proposed "Grey Granite Quarry" project at Sy.Nos.7/2, Gowral Village, Yelburga Taluk, Koppal District (2-16 Acres) by Smt. Pushpavathi S.Pujar (SEIAA 443 MIN 2019)

Sl. No	Particulars		Information		
1	Name & Address of the Project Proponent	Grey Granite Quarry by Smt. Pushpavathi S. Pujar, No. 5-3-2, Near Mahamaya Temple, Kuknoor, Koppal 583232.			
2	Name & Location of the Project	AQL falling in Part of Survey no 7/2 Gowral Village, Yelburga Taluk, Koppa District, Karnataka State.			
3	Co-ordinates of the Project Site	Boundary Pillar A B C D E	Latitude  15°28′46.00″ N  15°28′45.30″ N  15°28′41.40″ N  15°28′42.50″ N  15°28′43.70″ N	Longitude   76° 01′02.40″ E   76° 01′05.20″ E   76° 01′04.40″ E   76° 01′01.30″ E   76° 01′01.70″ E	
4	Type of Mineral	Grey Granit	te.		
5	New / Expansion / Modification / Renewal	New.			
6	Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Patt	a Land.		
7	Whether the project site fall within ESZ/ESA	NA			
8	Area in Ha	2-16 Acre (0	).9713 Ha)	<del></del>	
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	3,044 Cur production)	٧ ٧	te Optimum	
12	Quantity of Topsoil/Over burden in cubic meter		f quantity 7,927 o ,105 Cum will be g l.		
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil			



14	Pro	oject Cost (Rs. In Crores)	0.8Crores, i.e80 Lakhs(including the cost of machinery and additional preliminary works and working capital etc)		
15	Env	vironmental Sensitivity			
	a.	Nearest Forest	None within 10.0 Ki	ms	
	b.	Nearest Human Habitation	Gowrala Village - 1	.7 km	
•	c.	Educational Institutes, Hospital	Koppal at 20 Kms is	n South East and Yelburga th direction from the lease.	
	d.	Water Bodies	Benkal Tank at a distance of 2.5 K  (SSE) from project site.		
	e.	Other Specify	Nil		
16		plicability of General Condition he EIA Notification, 2006	NA		
17	Det	tails of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1.29		
	b.	Waste Dumping Area	0-05		
	C.	Top Soil Storage Area	0-02		
	d.	Mineral Storage Area	0-02		
	e.	Infrastructure Area	0-01		
	f.	Road Area			
	g.	Safety Zone/Green Belt Area	0-17		
	h.	Unexplored area			
	i.	Others Specify Safety Zone	nun		
18	Me	thod of Mining/ Quarrying	Semi Mechanised Quarrying		
19		ter Requirement			
	a.	Source of water	Near By Borwell.		
			Dust Suppression	7.00	
	b.	Total Requirement of Water in	Domestic	1.50	
	D.	KLD	for plantation	3.50	
			Total	12.00	
20	Sto	rm water management plan	Detailed in Environ	mental Management Plan	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

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

As per the quarry plan approved by DMG there is a level difference of one meter and taking this into consideration the committee opined that the proposed gross quantity of 46,244.54 cum out of which 30% is the recovery i.e., 13,873.36 cum and 70% i.e., 32,371.18 cum is waste for a plan period of five years can be mined safely and scientifically to a quarry pit depth of 10 meters. The proponent has stated that the waste will be utilized in the form of khandas and building stone with necessary permission from the competent authority.

As per the extended combined sketch prepared by DMG there are 18 leases excluding this lease, Out of these 18 leases, 12 leases were granted prior to 9-9-2013 and 4 leases E.C was issued prior to 15-1-2016. Based on this the proponent claimed that all these 16 leases are exempted from the cluster effect. The total area of remaining two leases and two fresh leases for which notification has been issued now comes to 10 Acres 34 guntas. Hence this being less than the threshold limit of 5 Ha., committee decided to categorise this project under B2 and proceeded with the appraisal accordingly. The proponent has also stated that his project does not fall within the 10 KM radius from the boundary of any Wildlife sanctuary/National Park.

The proponent has stated that he will build 160 meters length of approach road on a private land belonging to proponent himself and this 160 meter road joins to existing village road which is all weather road.

As far as CER is concerned, the proponent has stated that he will earmark Rs.5.00 lakes to take up rejuvenation of benekal tank which at a distance of 1.5 KM from the project site.

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

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

226.65 Proposed Grey Granite Quarry Project at Sy.No.7/1(P) of Gowral Village, Yelburga Taluk, Koppal District (2-17 Acres) by Sri. Dattatraya G. Pujar(SEIAA 444 MIN 2019)

Particulars	Information			
Name & Address of the Project Proponent	No. 5-3-2, Near Mahamaya Temple, Kuknoor, Koppal 583232			
Name & Location of the Project	AQL falling in Part of Survey no 7/1 (P), Gowral Village, Yelburga Taluk, Koppal District, Karnataka State.			
Co-ordinates of the Project Site	Pillar A B C	Latitude 15°28′50.10″ N 15°28′49.90″N 15°28′46.00″ N	Tongitude  76° 01′03.90″ E  76° 01′06.30″ E  76° 01′02.40″ E	
	D	15°28′45.30″ N	76° 01′05.30″ E	
Type of Mineral	GreyGranit	e		
New / Expansion / Modification / Renewal	New.			
Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]	Private Patta Land.			
Whether the project site fall within ESZ/ESA	NA			
Area in Ha	2-17 Acre (0	).9814 Ha)	the same of the sa	
Actual Depth of sand in the lease area in case of River sand/Patta Land Sand	NA			
Depth of Sand proposed to be removed	NA			
Annual Production Proposed (Metric Tons/ CUM) / Annum	*	` -	te Optimum	
Quantity of Topsoil/Over burden in cubic meter	quantity 13,	.655 Cum will be g		
Mineral Waste Handled (Metric Tons/ CUM)/ Annum	Nil			
Project Cost (Rs. In Crores)	machinery	and additional pro	•	
Environmental Sensitivity	<u>,                                    </u>			
a. Nearest Forest			7 1	
b. Nearest Human Habitation	<del></del>			
c. Educational Institutes, Hospital			· ·	
	Name & Address of the Project Proponent  Name & Location of the Project  Co-ordinates of the Project Site  Type of Mineral New / Expansion / Modification / Renewal Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]  Whether the project site fall within ESZ/ESA Area in Ha Actual Depth of sand in the lease area in case of River sand/Patta Land Sand Depth of Sand proposed to be removed Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM)/ Annum  Project Cost (Rs. In Crores)  Environmental Sensitivity a. Nearest Forest b. Nearest Human Habitation	Name & Address of the Project Proponent  Name & Location of the Project  Name & Location of the Project  Name & Location of the Project  Name & Location of the Project  Name & Location of the Project  Name & Location of the Project  Name & Location of the Project  Name & Location of the Project  Name & Location of the Project  Name & Bandary Pillar  A B C D Type of Mineral  New / Expansion / Modification / New.  New.  Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]  Whether the project site fall within ESZ/ESA  Area in Ha  Actual Depth of sand in the lease area in case of River sand/Patta Land Sand Depth of Sand proposed to be removed  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  None within Environmental Sensitivity  a. Nearest Forest  None within Cowrala Vice Popple at 2	Name & Address of the Project Proponent  Sri DattatrayaG.Pujar, No. 5-3-2, Near Mahamaya T Koppal 583232  AQL falling in Part of Sur Gowral Village, YelburgaT District, Karnataka State.  Boundary Pillar  A 15°28′50.10″ N B 15°28′49.90″ N C 15°28′46.00″ N D 15°28′45.30″ N  Type of Mineral  New / Expansion / Modification / Renewal  Type of Land [ Forest, Government Revenue, Gomal, Private/Patta, Other]  Whether the project site fall within ESZ/ESA Area in Ha Actual Depth of sand in the lease area in case of River sand/Patta Land Sand Depth of Sand proposed to be removed  Annual Production Proposed (Metric Tons/ CUM) / Annum  Quantity of Topsoil/Over burden in cubic meter  Mineral Waste Handled (Metric Tons/ CUM) / Annum  Project Cost (Rs. In Crores)  B. Nearest Forest  None within 10.0 Kms  None within 10.0 Kms  None within 10.0 Kms  None authin Factoria South Fe Consola at 20 Kms in South Fe	

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	d.	Water Bodies	(SSE) from pr	t a distance of 5.0 Km (S)	
	e.	Other Specify	Nil		
16		plicability of General Condition he EIA Notification, 2006	NA .		
17	Det	ails of Land Use in Acres			
	a.	Area for Mining/ Quarrying	1.29		
	b.	Waste Dumping Area	0-05		
	C.	Top Soil Storage Area	0-02		
	d.	Mineral Storage Area	0-02		
	e.	Infrastructure Area	0-01		
	f.	Road Area		•	
	g.	Safety Zone/Green Belt Area	0-18		
	h.	Unexplored area	and and		
	i.	Others Specify Safety Zone	and trial		
18	Me	thod of Mining/ Quarrying	Semi Mechanised Quarrying		
19	Wa	ter Requirement			
	a.	Source of water	Near By Borwell.		
			Dust Suppression	7.00	
	b.	Total Requirement of Water in	Domestic	1.50	
	υ.	KLD	for plantation	3.50	
			Total	12.00	
20	Sto	rm water management plan	Detailed in Environ	mental Management Plan	

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

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

As per the quarry plan approved by DMG there is a level difference of one meter and taking this into consideration the committee opined that the proposed gross quantity of 46,067.13 cum out of which 30% is the recovery i.e., 13,820.14 cum and 70% i.e., 32,246.99 cum is waste for a plan period of five years can be mined safely and scientifically to a quarry pit depth of 10 meters. The proponent has stated that the



waste will be utilized in the form of khandas and building stone with necessary permission from the competent authority.

As per the extended combined sketch prepared by DMG there are 18 leases excluding this lease, Out of these 18 leases, 12 leases were granted prior to 9-9-2013 and 4 leases E.C was issued prior to 15-1-2016. Based on this the proponent claimed that all these 16 leases are exempted from the cluster effect. The total area of remaining two leases and two fresh leases for which notification has been issued now comes to 10 Acres 34 guntas. Hence this being less than the threshold limit of 5 Ha., committee decided to categorise this project under B2 and proceeded with the appraisal accordingly.

The proponent has stated that he will build 160 meters length of approach road on a private land belonging to proponent himself and this 160 meter road joins to existing village road which is all weather road.

As far as CER is concerned, the proponent has stated that he will earmark Rs.5.00 lakhs to take up rejuvenation of benekal tank which at a distance of 1.5 KM from the project site.

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

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

226.66 Proposed Ornamental Granite Quarry Project at Sy.No.29 of Mugulakoppa Village, Chikkaballapura Taluk & District (Q.L No.211) (1-00 Acre) by M/s.Sri. Marga bandhu Enterprises(SEIAA 498 MIN 2019)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/S Sri MarghaBhandu Enterprises, Sadahalli Village, DevanahalliTaluk, Bengaluru RuralDistrict, Karnataka - 562 110

			Granite Quarry"			
		Sy No. 29, Mugulakuppa Village,				
2	Name & Location of the Project	Chickballapur		_		
		Chikkaballapui	ra District, Karn	nataka.		
		FOUNDARY POINT	LATTUDE	LONGTUDE		
		A	13" 30'29,7"	77* 44'47.0*		
3	Co-ordinates of the Project Site	B	13° 30°32.1°	77* 44'44.4*		
			137 30/31,17	77" 44'43.2"		
			13* 30'29.3*	77° 44'47.2		
4	Type of Project	Ornamental G	ranite Quarry			
5	New / Expansion / Modification / Renewal	Renewal(QL N	o- 211)			
	Type of Land [ Forest,	Government Re	evenue Land			
6	Government Revenue, Gomal,					
	Private/Patta, Other]					
7	Whether the project site fall	No				
	within ESZ/ESA			and the second s		
8	Area in Ha	0.404 Ha	<del></del>			
9	Actual Depth of sand in the lease	NA				
	area in case of River sand					
10	Depth of Sand proposed to be removed in case of River sand	NA				
	Rate of replenishment in case of	It's Ornamonta	l Granite Quarry			
	river sand mining as specified in	it s Offiamenta	i Giainte Quarry	,		
11	the sustainable sand mining					
	guideline 2016					
	Measurements of the existing	It's a Fresh Lan	d			
٠.	quarry pits in case of					
12	ongoing/expansion/modification					
	of mining proposals other than					
	river sand					
,			ters per annum	of Ornamental		
13	Annual Production Proposed	Granite	_			
:	(Metric Tons/ CUM) / Annum	ł	ers per annum of	Saleable Building		
	Ougatity of Topsoil/Over here I	Stone No toposil to be	a managad desir	na nlan nariad		
14	Quantity of Topsoil/Over burden in cubic meter	TAO TODSOU TO DE	e proposed duri	ng pian period		
	Mineral Waste Handled (Metric	137 Cubic Mete	re nor annum			
15	Tons/ CUM)/ Annum	137 Cubic Mete	as per ammin			
16	Project Cost (Rs. In Crores)	1.20 crores				
17	Environmental Sensitivity					
1/	Livitoimicinal ocusiavity		·····			



	a.	Nearest Forest	AvalagurkiGomala	Reserved Forest - 4.30 (W)
	b.	Nearest Human Habitation	Gollahalli village- 1	90 Kms(NW)
	c.	Educational Institutes, Hospital	The nearest post schools, police static Chickballapur - 8.1	
	d.	Water Bodies	Kandavara Lake - 9. Yadaralahalli Lake -	21 Kms (SW)
	e.	Other Specify	PAS MIT	
	Ap	plicability of General	NA	
18	Co	ndition of the EIA		•
	No	tification, 2006		
19	De	tails of Land Use in Acres		
	a.	Area for Mining/ Quarrying	0.280	
	b.	Waste Dumping Area	na	
	C.	Top Soil yard		
	d.	Mineral Storage Area		
	e.	Infrastructure Area		
	f.	Road Area	0.013	
	g.	Green Belt Area	0.017	
		Unexplored area	0.055	
		Others Specify	0.040	
20		lethod of Mining/ Quarrying	Semi Mechanised M	<b>1ethod</b>
21		e of Replenishment in case	NA.	· · · · · · · · · · · · · · · · · · ·
		er sand project		
22	Wa	ter Requirement		
	a.	Source of water	Borewell from the v	illage
			Dust Suppression	8.5KLD
	b.	Total Requirement of Water	Domestic	1.3 KLD
	υ.	in KLD	Other	1.5 KLD
			Total	11.3 KLD
23	Sto	rm water management plan		structed along the boundary of
24	An	y other information specific to	activity area NA	
<b>4</b>		project (Specify)		1 .1

The Proponent and Environment Consultant attended the  $226^{th}$  meeting held on 11-7-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre-feasibility report, approved mining plan and clarification/additional information provided during the meeting. The committee noted that this is a proposal forming part of declared cluster Association for which the proponent stated that combined EMP has been prepared and same has been approved as a part of quarry plan by DMG.

This is an existing lease for which lease was granted in the year 2004. The proponent has stated that he has carried out the mining from 2004-2015 and stopped mining since then till date.

Earlier this lease was granted for quarrying building stone and subsequently this has been converted to mining ornamental stone by C&I Dept.,

As per the quarry plan approved by DMG there is a level difference of 15 meters and taking this into consideration and also the fact that he has mined 12,900 tons of building stone from 2004-2015, the committee opined that the proposed gross quantity of 13,653 cum for a plan period of five years can be mined safely and scientifically. The proponent has also stated that the percentage of recovery is 80% i.e., 10,920 cum and the waste being 20% i.e., 2,733 cum and it can be converted into building stone with permission from the competent authority.

As per the combined sketch prepared by the DMG, 55 leases within the 500 meters from this lease area and all of whose leases was granted prior to 9-9-2013. Based on this the proponent claimed exemption from the cluster effect.

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

As far as CER is concerned, the proponent has earmarked Rs.5.00 lakhs to take up rejuvenation Guvalakanahalli pond which is at a distance of 1.5 KM from the lease area.

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

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

226.67 Proposed Building Stone Quarry Project at Sy.Nos.199 of Devarayasamudra Village, Mulabagilu Taluk, Kolar District (4-00 Acres) by Sri. A. G Narayanaswamy (SEIAA 456 MIN 2019)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. A. G. Narayanaswamy No.13. Venkateswara Layout, Horamavu, Bangalore.		
2	Name & Location of the Project	Building Stone Quarry in 4-00 Acres of Govt. Land bearing Sy. No. 199 of Devarayasamudra Village in Mulabagilu Taluk, Kolar District, Karnataka		
3	Co-ordinates of the Project Site	C. P A B C	Latitude N 13°08.'11.6" N 13°08'10.1" N 13°08'06.9" N 13°08'08.1"	Longitude E 78°19′32.4″ E 78°19′34.3″ E 78°19′26.9″ E 78°19′24.7″
4	Type of Mineral	Buildin	g Stone	
5	New / Expansion / Modification / Renewal	New Q	uarry	
6	Type of Land [ Forest, Government Revenue, Gomala, Private/Patta, Other]	Govt. Land		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Acres	4-00acre	es	40
9	Actual Depth of sand in the lease area in case of River sand	NA		
10	Depth of Sand proposed to be removed in case of River sand	NA		
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	NA		
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	NA		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,00,069 (Avg.) Tons/ Annum		
14	Quantity of Topsoil/Over burden in cubic meter	None		
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	5,267 Tons/Annum		
16	Project Cost (Rs. In Crores)	0.50		
17	Environmental Sensitivity			

	a.	Nearest Forest	Forest area-35	0m
	b.	Nearest Human Habitation	Devarayasamı	udra village-1.5 Km
	Educational Institutes,		Mulabagilu-12	2 Km
	c.	Hospital		
	d.	Water Bodies	Devarayasam	udra kere-1.5 Km
	e.	Other Specify		· ·
	Ap	plicability of General	None	
18	Coı	ndition of the EIA Notification,		
	200			
19	Det	ails of Land Use in Hectares		
	Α	Quarry working Area	1.10	
	В	Road	0.13	
	C	Dump yard	0.08	
	D	Buffer Zone	0.30	
20	N	lethod of Mining/ Quarrying	Opencast Sem	i-mechanized
21		e of Replenishment in case	NA	
		er sand project		
22	Wa	ter Requirement		
	a,	Source of water	Nearby Bore v	
			Dust	3.00 KLD
		Total Requirement of Water	Suppression	
	b.	in KLD	Domestic	0.50KLD
		IN KED	Other	2.50 KLD
			Total	6.00 KLD
23		rm water management plan	Will be carried	l out.
24	•	y other information specific to	None	
4-1	the	project (Specify)		

The Proponent and Environment Consultant attended the 226th meeting held on 11-7-2019 to provide clarification/additional information.

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

As per the extended combined sketch prepared by the DMG there are two other leases with a total area of 15 Acres and the leases for the same were granted prior to 9-9-2013 and based on this the proponent claimed that these two leases are exempted from

the cluster effect. The only other lease which is under appraisal is of 4 Acres area and which being less than the threshold limit of 5 Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the quarry plan approved by DMG there is a level difference of 10 meters and taking this into consideration the committee opined that 80% of the proposed quantity of 1,98,000 cum or 5,26,680 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 20 meters.

The proponent has stated that there is a existing cart track road to a length of 750 meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.7.50 lakhs towards rejuvenation of Devarayasamudra kere which is at a distance of 1.80 KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA subject to condition that the discrepancies in the GPS readings in the presentation copy and quarry plan to be rectified and submitted to the authority.

The committee also imposed the following conditions:

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

226.68 Proposed Building Stone Quarry Project at Sy.No.54 of Uragalli Village, Kolar Taluk, Kolar District (4-30 Acres) by Sri. A. G Narayanaswamy (SEIAA 468 MIN 2019)

Sl. No	PARTICULARS	INFORMATION			
1	Name & Address of the Project Proponent	Sri. A. G. Narayanaswamy No.13. Venkateswara Layout, Horamavu, Bangalore			
2	Name & Location of the Project	Govt. 1	ng Stone Quarry ir Land bearing Sy. N e in Kolar Taluk, K aka	lo. 54 of Uragali	
3	Co-ordinates of the Project Site	C. P A	Latitude N 13°10'58.55"	Longitude E 78°03′52.62″	

	1		В	N 13°10′55.53″	E 78°03′52.32″		
			C	N 13°10′56.19″	E 78°03′47.30″		
			D	N 13°11′01.66″	E 78°03′46.69″		
4	Ty	pe of Mineral	Buildir	ng Stone			
5	1	w / Expansion / Modification Renewal	New Quarry				
6	Go	pe of Land [ Forest, vernment Revenue, Gomala, vate/Patta, Other]	Govt. Land				
7	1	nether the project site fall thin ESZ/ESA	No				
8	Are	ea in Acres	4-30acı	es			
9		tual Depth of sand in the lease a in case of River sand	NA				
10		pth of Sand proposed to be noved in case of River sand	NA				
11	rive the	te of replenishment in case of er sand mining as specified in sustainable sand mining deline 2016	NA				
12	qua ong of 1	asurements of the existing arry pits in case of going/expansion/modification mining proposals other than er sand	NA				
13	1	nual Production Proposed etric Tons/ CUM) / Annum	1,00,27	l (Avg.) Tons/ An	num		
14	Qu	antity of Topsoil/Over burden	None		•		
15		neral Waste Handled (Metric ns/ CUM)/ Annum	5,277Tc	ons/Annum			
16		ject Cost (Rs. In Crores)	0.50	1991 P. P. A. (Br. (1994) A. A. A. A. A. A. A. A. A. A. A. A. A.	وهم پرهم پرهم داهم در کام و هم داهم و هم داهم در داهم		
17	***********	vironmental Sensitivity	-,				
	a.	Nearest Forest	Forest-	panalli state Plant 1.8 Km E-NE ganga State Forest			
	b.	Nearest Human Habitation	***************************************	ivillage-1.5 Km			
	C.	Educational Institutes, Hospital	KOlar-	······································			
	d.	Water Bodies		otihalli Kere-2.0 K halli Kere-4.2 Km			
	e.	Other Specify		_			
18	Ap	plicability of General	None				



	Co <sub>1</sub>	ndition of the EIA Notification,		
19	Det	tails of Land Use in Hectares		
	Α	Quarry working Area	1.30	
İ	В	Road	0.14	
	C	Dump yard	0.08	
	D	Buffer Zone	0.40	
20	N	lethod of Mining/ Quarrying	Opencast Sen	ni-mechanized
21	1	e of Replenishment in case	NA	
21	Riv	er sand project		
22	Wa	ter Requirement		
	a.	Source of water	Nearby Bore	well Water
			Dust	3.90 KLD
		Total Requirement of Water	Suppression	
	Ъ.	in KLD	Domestic	0.60KLD
		III KLD	Other	2.50 KLD
			Total	7.00 KLD
23	3 Storm water management plan		Will be carrie	d out.
24	An	y other information specific to	None	
Z4 <b>t</b>	the project (Specify)			

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

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

As per the combined sketch prepared by the DMG there are no other leases within 500 meter radius, the area of which is 4 Acres 30 guntas and this being less than the threshold limit of 5. Ha, the committee decided to categorise under B2 and proceeded with the appraisal accordingly.

As per the quarry plan approved by DMG there is a level difference of 20 meters and taking this into consideration the committee opined that the proposed quantity of 1,98,400 cum or 5,27,744 tons can be mined safely and scientifically for a plan period of five years to a quarry pit depth of 15 meters.

The proponent has stated that there is a existing cart track road to a length of 1.20 KM meters connecting the lease area to all weather road.

As far as CER is concerned, the proponent has earmarked Rs.7.50 lakhs towards rejuvenation of Danamotihalli kere which is at a distance of 2.0 KM from the lease area.

The committee after discussion decided to recommend the proposal to SEIAA subject to condition that the discrepancies in the GPS readings in the presentation copy and quarry plan to be rectified and submitted to the authority.

The committee also imposed the following conditions:

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

226.69 Proposed Residential Apartment Project "Sipani Jardin 2" at Sy.No.170/1, 171/1, 171/2A & 171/2B, MAdivala Village, Kasaba Hobli, Anekal Taluk, Bangalore Urban District by M/s. Sipani Properties Private Ltd., (SEIAA 94 CON 2019)

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Abhinav Daga Managing Partner M/s Sipani Properties Private Ltd. Office No.439, Ground & 1st Floor, 18th Main, 6th Block, Koramangala, Bangalore 560095.
2	Name & Location of the Project	Proposed Residential Apartment Project, "Sipani Jardin 2", by M/s Sipani Properties Private Ltd., at Sy No.170/1, 171/1, 171/2A & 171/2B, Madivala Village, Kasaba Hobli, Anekal Taluk, Bangalore Urban District.
3	Co-ordinates of the Project Site	Longitude: 77°43'42.31"E Latitude: 12°46'45.87"N
4	Environmental Sensitivity	
a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Primary Nala is Outside the project site in SW -



b.	vicinity of the project site and	There is no lake within 75 meter from the site boundary.
5	Type of Development	
a.	Residential group housing/ Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital / other	ResidentialApartment
b.	Residential Township/ Area Development Projects	No .
6	Plot Area (Sqm)	20,548.51 sq.m
7	Built Up area (Sqm)	68,740.09 sq.m
8	Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential Apartment project comprising of 1 Blocks, Wing A,B,C having each 1 Basement + 1 Stilt Floor + Ground Floor + 3 Upper Floor + Terrace Floor, wing D,E,F & G having each 1 Stilt Floor + Ground Floor + 3 Upper Floor + Terrace Floor and a club house having Ground Floor + 2 Upper Floor + Terrace Floor with total of 473 units. The site area is 20,548.18 sq.m. The Civic Amenties area is 1,028.99 Sq.m, Land lift for Strr area is 1,027.63 Sq.m, and The Gross BUA is 68,740.09 sq.m.
9	Number of units in case of Construction Projects	Total Number of Units is 473Nos.
10	Number of Plots in case of Residential Township/ Area Development Projects	
11	Project Cost (Rs. In Crores)	136Crores
12	Recreational Area in case of Residential Projects / Townships	Playground area – 852.45sq.m. And Senior Citizen allocated area – 688.66 Sq.m. Park area =2128.79Sq.m. (10.36% of Net plot area);
13	Details of Land Use (Sqm)	
a.		9,812.42sq.m (47.75%)
b.		Nil
C.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification 2006	

d.	Internal Roads	3,954.86 (19.25%)		
e.	Paved area	- C/55 2100 (25125 N)		
f.	Others Specify			
<del> </del>	Parks and Open space in case of	NA		
	Residential Township/ Area	1471		
g.	Development Projects			
h.	Total	20,548.18sq.m.		
		Excavated earth		
1-2	Details of Debris (in cubic	No demolition is involved.		
	meter/MT) if it involves	No demondon is involved.		
	Demolition of existing structure			
	and Plan for re use as per			
a.	Construction and Demolition			
	waste management Rules 2016, If			
	Applicable			
<del> </del>	Total quantity of Excavated earth	80,243.48cu.m.		
b.	(in cubic meter)	oop to to the time		
	Quantity of Excavated earth	80,243.48cu.m.		
c.	propose to be used in the Project	Organica and Caracter		
	site (in cubic meter)	,		
	Excess excavated earth (in cubic	Nil		
d.	meter)			
	Plan for scientific disposal of	No disposal		
	excess excavated earth along	and the pools		
e.	with Coordinate of the site			
	proposed for such disposal			
15 V	WATER			
I.	Construction Phase			
a.	Source of water	From Nearby treated water suppliers		
	Quantity of water for			
b.	Construction in KLD	•		
	Quantity of water for Domestic	10 KLD		
c.	Purpose in KLD			
d.	Waste water generation in KLD	8 KLD		
	Treatment facility proposed and	The sewage generated during the construction		
e.	scheme of disposal of treated	phase will be treated in the Mobile STP		
	water			
II.	Operational Phase			
		Fresh 100.30		
a.	Total Requirement of Water in	Recycled 106.43+123.20=229.63		
1	KLD	Total 329.9		
b.	Source of water	Gram Panchyath		
c.	Waste water generation in KLD	313.4KLD		
d.	STP capacity	370 KLD		
<u> </u>	<del></del>			



Technology employed for Treatment   Treatment		·	
f. Scheme of disposal of excess treated water if any streated water in and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and Reuse after treating with ultrafiltration and reverse osmosis  265 cu.m.  The storm water from the site will be collected by rainwater harvesting system and will be used for orecharging the ground water  No of labours = 80 Nos.  Per capita of waste generated = 0.4 kg/day Separate collection bins will be converted in organic convertor. Inorganic solid waste will be converted in organic convertor.  II. Operational Phase  Quantity of Biodegradable waste will be handed over to authorized recyclers  Nil separation and mode of Disposal as per norms  Quantity of Non- Biodegradable waste will be handed over to authorized recyclers  Nil separation and mode of Disposal as per norms  Quantity of Formation and mode of Disposal as per norms  Quantity of E waste generation and mode of Disposal	е.	<b>V</b>	r SBR Technology
a. Capacity of sump tank to store Roof run off b. No's of Ground water recharge pits  The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water  No of labours = 80 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic convertor. Inorganic solid waste will be handed over to authorized recyclers.  II. Operational Phase Quantity of Biodegradable waste generation and mode of Disposal as per norms Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms Quantity of Hazardous Waste c. generation and mode of Disposal as per norms Quantity of E waste generation and mode of Disposal as per norms Quantity of E waste generation and mode of Disposal as per norms Quantity of E waste generation and mode of Disposal as per norms Quantity of E waste generation and mode of Disposal as per norms Quantity of E waste generation waste generation will be very less  E-waste generation will be very less  Nil generation will be very less  E-waste generation will be very less  Numbers of DG set and capacity in KVA for Standby Power Supply  Details of Fuel used for DG Set  HSD  The storm water from the site will be collected by rainwater from the site will be lessed for recharging the ground water  The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water  So Nos.  Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic convertor. Inorganic solid waste will be converted in organic convertor.  \$378.40kg/day. Biodegradable waste will be handed over to authorized recyclers  Nil  E-waste generation will be very less  \$378.40kg/day. Non- Biodegradable waste will be handed over to authorized recyclers  Nil  \$378.40kg/day. Non- Biodegradable waste will be handed over to authorized recyclers  1	f.	treated water if any	toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis
a. Capacity of sump tank to store Roof run off b. No's of Ground water recharge pits  The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water  No of labours = 80 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic convertor. Inorganic solid waste will be handed over to authorized recyclers.  II. Operational Phase Quantity of Biodegradable waste generation and mode of Disposal as per norms Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms Quantity of Hazardous Waste c. generation and mode of Disposal as per norms Quantity of E waste generation and mode of Disposal as per norms Quantity of E waste generation and mode of Disposal as per norms Quantity of E waste generation and mode of Disposal as per norms Quantity of E waste generation and mode of Disposal as per norms Quantity of E waste generation waste generation will be very less  E-waste generation will be very less  Nil generation will be very less  E-waste generation will be very less  Numbers of DG set and capacity in KVA for Standby Power Supply  Details of Fuel used for DG Set  HSD  The storm water from the site will be collected by rainwater from the site will be lessed for recharging the ground water  The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water  So Nos.  Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic convertor. Inorganic solid waste will be converted in organic convertor.  \$378.40kg/day. Biodegradable waste will be handed over to authorized recyclers  Nil  E-waste generation will be very less  \$378.40kg/day. Non- Biodegradable waste will be handed over to authorized recyclers  Nil  \$378.40kg/day. Non- Biodegradable waste will be handed over to authorized recyclers  1	16	Infrastructure for Rain water harve	esting
Storm water management plan   The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water	a.		265 cu.m.
Storm water management plan   The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water	b.		52 Nos.
Construction Phase	17		rainwater harvesting system and will be used for
Quantity of Solid waste a. generation and mode of Disposal as per norms  Quantity of Biodegradable waste generation and mode of Disposal as per norms  Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms  Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms  Quantity of Hazardous Waste c. generation and mode of Disposal as per norms  Quantity of E waste generation and mode of Disposal as per norms  Quantity of E waste generation and mode of Disposal as per norms  Quantity of E waste generation and mode of Disposal as per norms  Quantity of E waste generation d. waste generation and mode of Disposal as per norms  19 POWER  Total Power Requirement - Operational Phase  Numbers of DG set and capacity in KVA for Standby Power Supply  C. Details of Fuel used for DG Set  HSD  No of labours = 80 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic convertor. Inorganic solid waste will be handed over to authorized recyclers  167.60kg/day. Biodegradable waste will be converted in organic convertor.  378.40kg/day. Non- Biodegradable waste will be handed over to authorized recyclers  Nil  E-waste generation will be very less  17 1 X 1000 kVA  1 X 1000 kVA  1 X 1000 kVA  1 X 1000 kVA  1 Energy saved by using Solar water Heater:	18	WASTE MANAGEMENT	
Quantity of Solid waste a. generation and mode of Disposal as per norms  Quantity of Biodegradable waste generation and mode of Disposal as per norms  Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms  Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms  Quantity of Hazardous Waste c. generation and mode of Disposal as per norms  Quantity of E waste generation and mode of Disposal as per norms  Quantity of E waste generation and mode of Disposal as per norms  Quantity of E waste generation and mode of Disposal as per norms  Quantity of E waste generation d. waste generation and mode of Disposal as per norms  19 POWER  Total Power Requirement - Operational Phase  Numbers of DG set and capacity in KVA for Standby Power Supply  C. Details of Fuel used for DG Set  HSD  No of labours = 80 Nos. Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic convertor. Inorganic solid waste will be handed over to authorized recyclers  167.60kg/day. Biodegradable waste will be converted in organic convertor.  378.40kg/day. Non- Biodegradable waste will be handed over to authorized recyclers  Nil  E-waste generation will be very less  17 1 X 1000 kVA  1 X 1000 kVA  1 X 1000 kVA  1 X 1000 kVA  1 Energy saved by using Solar water Heater:	I.	Construction Phase	
II. Operational Phase  Quantity of Biodegradable waste generation and mode of Disposal as per norms  Quantity of Non- Biodegradable b. waste generation and mode of Disposal as per norms  Quantity of Hazardous Waste c. generation and mode of Disposal as per norms  Quantity of E waste generation d. waste generation and mode of Disposal as per norms  Quantity of E waste generation waste generation and mode of Disposal as per norms  Quantity of E waste generation will be very less  E-waste generation will be very less  E-waste generation will be very less  I Total Power Requirement - Operational Phase  Numbers of DG set and capacity in KVA for Standby Power Supply  C. Details of Fuel used for DG Set  HSD  • Energy conservation plan and  567.60kg/day. Biodegradable waste will be converted in organic converted.  378.40kg/day. Non- Biodegradable waste will be handed over to authorized recyclers  Nil  E-waste generation will be very less  1 X 1000 kVA  1 X 1000 kVA + 1 X 1000 kVA  • Energy saved by using Solar water Heater:	a.	generation and mode of Disposal	Per capita of waste generated = 0.4 kg/day Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized
a. Quantity of Biodegradable waste generation and mode of Disposal as per norms  Quantity of Non- Biodegradable b. waste generation and mode of Disposal as per norms  Quantity of Hazardous Waste generation and mode of Disposal as per norms  Quantity of E waste generation as per norms  Quantity of E waste generation d. waste generation and mode of Disposal as per norms  19 POWER  Total Power Requirement - Operational Phase  Numbers of DG set and capacity in KVA for Standby Power Supply  c. Details of Fuel used for DG Set  d Energy conservation plan and  Power Requirement - Supply  c. Details of Fuel used for DG Set  d Energy saved by using Solar water Heater:	II.	Operational Phase	
Disposal as per norms Quantity of Hazardous Waste c. generation and mode of Disposal as per norms Quantity of E waste generation d. waste generation and mode of Disposal as per norms  19 POWER  Total Power Requirement - Operational Phase Numbers of DG set and capacity b. in KVA for Standby Power Supply  c. Details of Fuel used for DG Set d Energy conservation plan and  378.40kg/day. Non- Biodegradable waste will be handed over to authorized recyclers  Nil  E-waste generation will be very less  1 E-waste generation will be very less  1 X 1000 kVA  1 X 1000 kVA + 1 X 1000 kVA  1 Energy saved by using Solar water Heater:		Quantity of Biodegradable waste generation and mode of Disposal	
Quantity of Hazardous Waste generation and mode of Disposal as per norms   Quantity of E waste generation waste generation and mode of Disposal as per norms   E-waste generation will be very less	b.	Quantity of Non- Biodegradable waste generation and mode of	
d. waste generation and mode of Disposal as per norms  19 POWER  a. Total Power Requirement - Operational Phase  Numbers of DG set and capacity in KVA for Standby Power Supply  c. Details of Fuel used for DG Set  d. Energy conservation plan and  • Energy saved by using Solar water Heater:	c.	Quantity of Hazardous Waste generation and mode of Disposal	
a. Total Power Requirement - Operational Phase  Numbers of DG set and capacity in KVA for Standby Power Supply  c. Details of Fuel used for DG Set  Energy conservation plan and  Total Power Requirement - 2000 kVA  1 X 1000 kVA + 1 X 1000 kVA  HSD  • Energy saved by using Solar water Heater:	d.	waste generation and mode of Disposal as per norms	E-waste generation will be very less
a. Operational Phase  Numbers of DG set and capacity b. in KVA for Standby Power Supply c. Details of Fuel used for DG Set  Energy conservation plan and  *Energy saved by using Solar water Heater:	19	POWER	
b. in KVA for Standby Power Supply c. Details of Fuel used for DG Set HSD Energy conservation plan and • Energy saved by using Solar water Heater:	a.	Operational Phase	
Energy conservation plan and • Energy saved by using Solar water Heater :	b.	in KVA for Standby Power	1 X 1000 kVA + 1 X 1000 kVA
	c.	Details of Fuel used for DG Set	HSD
	d.		

	plan for utilization of solar	• Solar Power Generation :		
	energy as per ECBC 2007	In non-monsoon season 200kWH x 30 x 8 Months		
		= 48,000kWH		
		• In monsoon season 100kWH x 30 x 4		
	·	Months = 12,000 kWH		
		• Total SPV Power Generation in a year =		
		0.60 L kWH / Annum(b)  Total Solar Energy utilization (Energy)		
		saving using solar heater and solar PV) in a year		
		= (a)+(b)= 0.75 + 0.6 L KWH = 1.35 L / Annum		
		(c)		
		• Total energy savings = 23.11%		
20	PARKING			
		One car spacing for 1 units as the floor area is		
		between 50 sq.m. to 225 sq.m = 473+10% visitors		
		Total car Parking required is 479Nos		
	Parking Requirement as per	Stilt - 1 Floor Car Provided =374		
".	norms	Stilt - 1 Floor Car Provided =116		
		Total car Parking required as per NBC= 490		
		Parking Provided is 490 Ecs which is as Per NBC		
		and MoEF Norms		
	Level of Service (LOS) of the	NH 48 Road-LOS - B		
b.	1 0	-		
	Traffic Study Report			
c.	Internal Road width (RoW)	5.0m		

The Proponent and Environment Consultant attended the 226<sup>th</sup> meeting held on 11-7-2019 to provide clarification/additional information.

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

The committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with the condition that if the project is located within the 10 KMs from the boundary of Bannerghatta National Park, the Proponent to submit the map duly authenticated by Chief Wildlife Warden, showing these features vis-à-vis the project location and the recommendation or comments of the Chief Wildlife Warden there on to the Authority.

The committee also imposed the following conditions:



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

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

## **Reconsideration Subjects:**

226.70 Proposed Expansion/Modernization of existing formulation facility to integral Bulk Drug Biopharmaceutical facility to manufacture the Biologicals - Monoclonal Antibodies & Therapeutic Proteins unit project at Plot No.2-D1, KIADB Industrial Area, Phase-3, Obadenahalli village at Sy.No.14/2, 14/3, 14/4, 15/1, 15/2, 15/3, 15/4, 15/5, 16, 17/1, 17/2, 17/3, 17/4 & 17/5, of 2 D1Obadenahalli, Doddballapur Taluk, Bangalore Rural Dist by M/s. Stelis Biopharma Pvt Ltd(SEIAA 03 IND 2019)

Sl. No	PARTICULARS		INFORMATION		
1	1	ime & Address of the Project oponent	Mr. Deepak.S – AVP, M/s. StelisBiopharmaPvt. Ltd, No-293,BommasandraJigani Link Road, Jigani Industrial Area, Anekal Taluk, Bangalore – 560105, Karnataka State.		
2	Na	me & Location of the Project	M/s Stelis Biopharma Pvt. Ltd, Plot no. 2-D1, KIADB Industrial Area Phase 3, Sy. No. 14/2,14/3,14/4,15/1, 15/2,15/3, 15/4,15/5, 16,17/1,17/2, 17/3,17/4& 17/5 of 2-D1 Obadenahalli, Doddaballapurtaluk, Bangalore Rural District ~ 561205, Karnataka State.		
3	Со	-ordinates of the Project Site	Latitude (North): 13 Degrees 16 Minutes 44.5 Seconds. Longitude (East): 77 Degrees 13 Minutes 44.2 Seconds.		
4	Environmental Sensitivity				
	a.	Distance From nearest Lake/ River/ Nala	Not applicable		
	b.	Distance from Protected area notified under wildlife protection act	Not applicable		



	c. Distance from the interstate boundary	Not applicable		
	d. / severally polluted area as per the CPCB norms	Not applicable		
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	5 (f) – Synthetic Organic Chemicals		
6	New/ Expansion/ Modification/ Product mix change	Upgradation / Modernization		
7	Plot Area (Sqm)	40473.00 Sq.m		
8	Built Up area (Sqm)	17962.21 Sq.m		
9	Component of developments	Not applicable		
10	Project cost (Rs. In Crores)	INR 400 Crores		
11	Details of Land Use (Sqm)			
	a. Ground Coverage Area	12773.11		
	b. Kharab Land	Nil		
	c. Internal Roads	7084.00		
	d. Paved area	7004.00		
	e. Parking	1766.00		
	f. Green belt	18849.29		
	g. Others Specify	4039.33		
	h. Total	40473.00		
12	Products and By- Products with quantity (enclose as Annexure if necessary)	Existing and Proposed products with quantity is given in Chapter ~ 3, Section 3.4 and Table 3.2 of PFR		
13	Raw material with quantity and their source (enclose as Annexure if necessary )	Existing and Proposed Raw materials with quantity is given in Chapter - 3, Section 3.6 and Table 3.3 of PFR		
14	Mode of transportation of Raw material and storage facility	The raw materials and finished products will be transported by road. All chemicals used in the process are stored in a designated area with proper labels in warehouse.		



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15	fac	insportation and storage ility for coal / Bio-fuel in e of thermal power plant	Not applicable		
16	dis	ash production, storage and posal details whereas coal is ed as fuel	Not applicable		
17		mplete process flow diagram I technology employed	Complete process flow diagram and Technology employed is detailed in Chapter-3, Section 3.5 of PFR.		
18		tails of Plant and Machinery h capacity/ Technology d	Details of Plant and Machinery with capacity/ Technology used are given in Chapter-3 of PFR.  Complete layout with specification is attached as an Annexure -7.		
19	con	ails of VOC emission and trol measures wherever blicable	Not applicable		
20	WA	TER			
	I.	Construction Phase			
	a.	Source of water	KIADB		
	b.	Quantity of water for Construction in KLD	21		
	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	STP. STP treated water is sent to ZLD		
	II	Operational Phase			
	a.	Source of water	KIADB		
	b.	Total Requirement of Water in KLD	421		
	c.	Requirement of water for industrial purpose / production in KLD	373		

	d.	Requirement of v		20			
				Domestic	18		
		Waste water gene	eration in	Ind.	212		
	e.	KLD	·				
				generation			
	f.	ETP/ STP capaci	ty	ETP capacity – 275 KLD STP capacity –20 KLD			
		Technology employed for		<del></del>	Discharge Plant (ZLD) and		
	g.	Treatment		Sewage Treatment Plant (STP)			
	1	Scheme of disposal of		+	will be used to boiler, utilities,		
	h.	h. excess treated water		green belt etc.			
21		astructure for Rair vesting			able in existing plant		
22	Sto	torm water management plan		Already avail	Already available in existing plant		
23	23 Air Pollution						
	a.	Sources of Air pollution		3 x 1500 KVA DG sets 2 x 2.5 TPH and 2 x 3.0 TPH Boilers (2.5 TPH will be improve)			
	b.	Composition of E	missions	Diesel and Furnace oil			
	c.	Air pollution control measures proposed and technology employed		Stacks as per CPCB guidelines			
24		technology emplo	oyed				
24	Noi	technology emplo se Pollution	oyed	·			
24	Noi a.			DG sets			
24		se Pollution	pollution	DG sets App., 70 to 75	5dBA		
24	a.	se Pollution Sources of Noise Expected levels o	pollution f Noise ontrol	App., 70 to 75	ic and Noise insulators		
24	a. b.	se Pollution  Sources of Noise  Expected levels o pollution in dB  Noise pollution o	pollution f Noise ontrol ed	App., 70 to 75			
	a. b.	Sources of Noise  Expected levels o pollution in dB  Noise pollution of measures propose	pollution f Noise ontrol ed NT	App., 70 to 75			
	a. b. c.	se Pollution  Sources of Noise  Expected levels o pollution in dB  Noise pollution of measures propose  STE MANAGEME	pollution f Noise ontrol ed NT	App., 70 to 75	ic and Noise insulators		
	a. b. c.	Sources of Noise Expected levels o pollution in dB Noise pollution of measures propose STE MANAGEME Operational Phas	pollution f Noise ontrol ed NT e Construc	App., 70 to 75 Sound acoust	ic and Noise insulators kg/day		
	a. b. c. WA	Sources of Noise Expected levels of pollution in dB Noise pollution of measures proposed STE MANAGEME Operational Phase Quantity of Solid waste	pollution f Noise ontrol ed NT e Construc	App., 70 to 75 Sound acoust	ic and Noise insulators		
	a. b. c.	Sources of Noise Expected levels o pollution in dB Noise pollution of measures propose STE MANAGEME Operational Phas  Quantity of Solid waste generated per day and their	pollution f Noise ontrol ed NT e Construc Operatio Total no	App., 70 to 75 Sound acoust tion Phase: 60 n phase: of employees g per capita sol	ic and Noise insulators kg/day		
	a. b. c. WA	Sources of Noise Expected levels o pollution in dB Noise pollution o measures propose STE MANAGEME Operational Phas  Quantity of Solid waste generated per	pollution f Noise ontrol ed NT e Construc Operatio Total no o Assumin 0.482 kg/	App., 70 to 75 Sound acoust stion Phase: 60 n phase: of employees	ic and Noise insulators kg/day 275		

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	Inorganic solid waste: 55%   72 kg/day							
		Dispos waste	Disposal of domestic solid		Organic waste is composted using OWC and used as manure. Inorganic waste is collected and handed over to KSPCB authorized recyclers			
***************************************	_	Quantity of Hazardous Waste generation with source and mode of						
	Disposal   Waste   Categor	as per norms Hazardous waste Generated	Total quantity	Method of	handling			
	5.1	Used / Spent oil	7.4 KL/A	SenttoAuthorized recyclers				
	5.2	Waste/Residue Containingoil	2KL/A	SenttoAuthorized Incinerator				
	20.2	SpentSolvent	960KL/A	Distilledinhouseor Storedinsecured manneranddisposed to authorized re-Processors.				
	28.4	OffSpecification Products	2Ton	Storedinsecured Manneranddisposed ToKSPCBauthorized incinerator.				
<b>b</b> .	28.5	DateExpiredand off SpecificationMe dicines Anddrugs/Che micals	1.5Ton	Stored in secured  Manner and disposed  To KSPCB authorized incinerator.				
	28.3	SpentCarbon	5Ton	DisposedtoKSPCB AuthorizedTSDF				
	37.3	Concentration/ EvaporationResi due	80kg/day	Disposed to KSPCB Authorized TSDF				
	33.1	Empty Containers/Barr els/Car boys	4Ton	Authorizedrecyclers				
		GlassBottles	1Ton	Sent to KSPCB Authorized recyclers				
	-	E-Waste	0.5Ton -	Sent to KSI Authorized	I			
		BatteryWaste	0.5Ton	Sent to KSI Authorized	PCB			
	ate	PlasticWaste	1Ton	Sent to KSI Authorized	CB			
	35.3	ETPsludge	30Kg/day	Disposed to	KSPCB			
c.	Quantity of E waste generation with source Quantity of E waste genera		generated: 0.5 Ton ent to					



26	Risk Assessment and disaster management		Not applicable				
27	POI	POWER					
	a.	a. Total Power 4500 KVA (KPTCL – BESCOM) Requirement in the Operational Phase with source					
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	3 x 1500 KVA				
		Details of Fuel used	Details	Total quantity	Source		
į		with purpose such as	Diesel Requirement for DGs (L/hr)	Approx. 180 L/hr	HPCL/IOCL		
	c.	boilers, DG, Furnace,	Furnace oil consumption	190 LPH/Boiler	HPCL/IOCL		
		TFH, Incinerator Set etc,					
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	No				
28	PAR	KING	ı				
	a.	Parking Requirement as per norms	Parking is being provided as per norms				
	b.	Internal Road width (RoW)	8 m				
29	spe	y other information cific to the project ecify)	No				

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. The proponent has requested to adopt data collected recently for converting this plot from orange category to red category since the data is recent one for which the committee decided to permit to adopt the same.

- Lee

- 1) List out specieswise numbers existing and tree species proposed to take up not less than 15 meters wide green belt all along the project boundary and greenary on road sides.
- 2) List out fauna and flora in the study area of 15 KM and biodiversity action plan to be prepared in consultation with forest authorities if there are any scheduled-I species.
- 3) Furnish permission letter from DBT to use genetically modified organisms and cell lines.
- 4) Furnish the source of antigens used for production of monoclonal antibodies.
- 5) Furnish the biological indicators used for monitoring efficacy of kill tank/autoclave.
- 6) Prepare and submit environmental sustainability report on the organisation as per G4 framework.
- 7) Water allocation for the industry from forth coming Yethinahole and upper bhadra projects may be ascertained and furnished.
- 8) Measures taken to protect nalas and nearby water bodies in the vicinity of the project site may be detailed if no measures are taken the proposed measures may be detailed and submitted.
- 9) Good laboratory practices, good pharmaceuticals practices and good engineering practices may be detailed.
- 10) Feasibility for the fuel source for boilers such as CNG which is available nearby may be studied and submitted.
- 11) Detailed workings and layout plan for renewable energy harnessing at site using high efficiency solar panels from roof top may be detailed and submitted.
- 12) Establish with layout plan the adoption of GMP for manufacturing your products supported by P & ID.
- 13) 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.
- 14) 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.
- 15) For the worst case scenario, evaluate and present the quantity and characteristics of effluent discharged and their scheme of disposal through ETP

Accordingly ToRs were issued on 27-3-2019. The proponent has submitted the EIA report vide letter dated:28-5-2019 and the same is placed before the committee for EIA appraisal.

The proponent and Environment consultant attended the 225<sup>th</sup> meeting held on 26-6-2019. During the appraisal the committee noted that proposal is to manufacture the Biologicals – Monoclonal Antibodies and Therapeutic Proteins in their existing unit.

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

- 1) To give the nickel balance, its recovery/disposal used in the affinity chromatography.
- 2) The proponent to submit land use, land cover map using the high resolution satellite imagery.
- 3) Details of Restoration works to the nearby nalas and water bodies may be worked out and submitted which are proposed to be taken up under CER.
- 4) Explore the possibility of sending ETP sludge to the cement factories.

The proponent has submitted the replies vide letter dated:9-7-2019 and the same was placed before the committee.

The committee perused the replies submitted by the proponent and accepted the same.

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

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

226.71 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, BiligiTaluk, Bagalkot District By M/s. Bilagi Sugar Mill Ltd (SEIAA 10 IND 2018)

Sl. No.	PARTICULARS	INFORMATION
1	Name & Address of the Pro Proponent	ject 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	
- t-,t.	a. Distance from nea	rest Alamatti reservoir back water is the



		Lake/River/Nala	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	of	pe of Development as per schedule EIA Notification, 2006 with relevant ial number	5(J) > 5000 TCD cane crushing 1(d) Biomass based Thermal Power plants >15 MW
6	1	ew/ Expansion/Modification/ oduct mix change	Expansion
7		ot Area (Sq m)	299552
8		ilt up area (Sq m)	64768 Sq m
9	Co	mponent of development	
10		oject cost (Rs. in Crores)	Rs.280 Crores
11	De	tails 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	Pro	oducts and By-Products with	Sugar - 30000 MT/M,
	qua	antity (enclose as Annexure if	Molasses – 15000 MT/M
	neo	cessary)	Bagasse – 84000 MT/M
			Press mud – 13500 MT/M
			Electricity - 60 MWhr
13	1	w material with quantity and their	Sugarcane - 180000 MT/M, locally
	1	rce (enclose as Annexure if	available.
	nec	cessary)	Lime -306 MT/M
14	Mo	ode of transportation of Raw terial and storage facility	Sulphur -108 MT/M Using bullock carts and trucks
15	Tra	nsportation and storage facility for d/Bio-fuel in case of thermal power	Adequate Storage Tanks are provided.

16	Fly	y ash production,	storage and	The generated fly ash shall be used in
		sposal details whereas c	oal is used as	composting/manure/Brick
-	fuel			
				manufacturing.
17		omplete process flow dia	igram and	The complete flow diagram is given in
10		chnology employed	7	Pre-Feasibility report.
18		etails of plant and mag	•	Currently 5000 TCD of Sugar Mill and
19		pacity/ Technology used etails of VOC emission		30 MW Co-generation plant installed.  All necessary air pollution control
	lf .	easures wherever applic		devices such as ESP installed. The vehicles are regularly serviced and properly maintained.
20	W.	ATER		
	I.	Construction Phase		Not Applicable
	a.	Source of water		Krishna River
	b. Quantity of water for construction in KLD		construction	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 o	domestic	80 KLD
		purpose in KLD		
	d ·			Minimal wastewater generation from construction activity. Wastewater, if any generated shall be treated in existing soak pit.
	e.	Treatment facility prop	osed and	Existing ETP shall be utilized for
	· ;			wastewater treatment
	II	Operational Phase		
	a.	Source of water		Krishna River water
	b.	Total requirement of	Fresh	1364
		water in KLD	Recycled	3000
			Total	4364
	C.	Requirement of	Fresh	1364
		water for industrial	Recycled Total	3000
		purpose/ production in KLD	Total	4364
	d	Requirement of	Fresh	80
	.	water for domestic	Recycled	0
		purpose in KLD	Total	80
	e.	Waste water	Industrial	900
		generation in KLD	effluent	
			Domestic	65
			sewage	



		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 inhouse ETP and the treated wastewater shall be re-used for greenery.
21	1	rastructure for rain water rvesting	Storm water drains are provided throughout the facility taking
22		orm water management plan	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.
23	Ai	Pollution	
	a.	Sources of air pollution	Emissions from Boilers and DG set and during vehicular movement.
	b.	Composition of Emissions	Particulate matter, SO <sub>2</sub> , NO <sub>x</sub> , 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	No	ise 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	W.	ASTE MANAGEMENT		
	I.	Operational phase		
	a.	waste generated le per day and their N	lon- iodegradab	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.
	Ъ.	Quantity of Hazardo generation with soured of disposal as per norm	and mode	Waste oil from DG set will be sent to authorized dealers for disposal
	c.	Quantity of E Waste with soured and mode 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 management	d disaster	Risk assessment and disaster management studies will be provided in detail in EIA Report
27	POWER			
	a.	Total Power Requirent Operational Phase with		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 KVA for Standby Power		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 percentage of savings plan for utilization of sas per ECBC 2007	including	LED lighting shall be preferred. Energy efficient equipment shall be utilized. Solar lighting shall be installed for street lighting.
28	PA	RKING		
	a.	Parking requirement as	***************************************	Provided.
	b.	Internal Road width (Ro		5 m
29		Any other information the project (Specify)	specific to	

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

The Proponent and Environmental consultants attended the 195<sup>th</sup> 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 tobe 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.

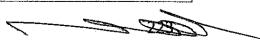
The proponent has submitted the replies vide letter dated:4-7-2019. The committee perused the replies submitted by the proponent and accepted the same.

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

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

226.72 Proposed Residential Apartment at Sy.No.1/3A, 1/1, Khata No.149, Panathur Village, Varthur Hobli, Bangalore East Taluk by M/s. D.C HI-RISE LLP(SEIAA 63 CON 2019)

SI. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Mr. Niraj Jhunjhunwala (Authorised Signatory) M/s D.C.HI-RISE LLP No 703, 10th A Main Road, Jayanagar 4th Block, Bangalore – 560011
2	Name & Location of the Project	Proposed Residential Apartment by M/s D.C.HI-RISE LLP, at Sy No. 1/3A,1/1, Khata No. 149, Panathur Village, Varthur Hobli, Bangalore East Taluk, Bangalore
3	Co-ordinates of the Project Site	Longitude: 77°42'21.96"E Latitude: 12°56'20.12"N



4	<u> </u>	Environmental Sensitivity	
		Distance from periphery of	Varthur lake - 3.90 kms (NE)
		nearest Lake and other water	
ļ	a	bodies (Lake, Rajakaluve, Nal	Primary Nala is at North East side of the site 50
		etc.,)	m buffer is left
		Type of water body at th	
		vicinity of the project site an	i
	b	Details of Buffer provided as per NGT Direction in O.A 222 of	
		1	
		2014 dated 04.05.2016, Applicable.	if
5	<u> </u>	Type of Development	
		Residential group housing/	Residential Apartment
		Villas / Row Houses / Vertical	2. Comment of the control of the con
	a.		
		ITES/ Mall/ Hotel/ Hospital	
		/other	
!	b.	Residential Township/ Area	No
		Development Projects	
6		Plot Area (Sqm)	9741.54sq.m.
	_	Built Up area (Sqm)	28,058.32sq.m
		Building Configuration [	Construction of Residential Apartment project
0		Number of Blocks / Towers /	comprising of 1 building having 1 Stilt Floor +
8		Wings etc., with Numbers of	Ground Floor + 3 Upper Floors + Terrace Floor
		Basements and Upper Floors]	with total of 192 units. The site area is 9741.54
		Number of units in case of	sq.m. The Gross BUA is 28,058.32 sq.m. Total Number of Units is 192Nos.
9		Construction Projects	Total Number of Offits is 192100s.
		Number of Plots in case of	
1(	)	Residential Township/ Area	
		Development Projects	
11		Project Cost (Rs. In Crores)	56Crores
		Recreational Area in case of	Playground area - 365.30 sq.m. And Senior
12	, ,	Residential Projects / Townships	Citizen allocated area - 365.30Sq.m. Park area
			=1009.22Sq.m. (10.36% of Net plot area);
_13		Details of Land Use (Sqm)	
	<u>a</u>		5523.23 sq.m (56.69%)
-	b	·	Nil
ļ		Total Green belt on Moth	1 1 1
	C	Earth for projects under 8(a) the schedule of the El	;
		notification, 2006	A
d. Internal Roads 2,328.50 (23.90%)			2.328 50 (23.90%)
	e		-



	f.	Others Specify	aw .	
		Parks and Open space in case of	NA	
	g.	Residential Township/ Area	- 1-2	
	Θ,	Development Projects		
	ĥ.	Total	9741.54sq.m.	
14		. L	Excavated ear	
		Details of Debris (in cubic	<del></del>	on is involved.
		meter/MT) if it involves	Tro delitoriti	on is mivorved.
		Demolition of existing structure		
	a.	and Plan for re use as per		
	a.	Construction and Demolition		
		waste management Rules 2016,		
		If Applicable	22.740.90	
1 1	b.	Total quantity of Excavated	22,740.80cu.r	II.
-		earth (in cubic meter)	22 740 80	
		Quantity of Excavated earth	22,740.80cu.r	<b>n.</b>
	c.	propose to be used in the Project	}	ļ
-		site (in cubic meter)	3 711	
	d.	Excess excavated earth (in cubic	Nil	
-		meter)		
		Plan for scientific disposal of	No disposal	
	e.	excess excavated earth along		
ŀ	٠,	with Coordinate of the site		
	-	proposed for such disposal		
15	<del></del> _	ATER		
	I.	Construction Phase	T	
_	a.	Source of water		treated water suppliers
	b.	Quantity of water for	50 KLD	
	ν.	Construction in KLD		
	c.	Quantity of water for Domestic	10 KLD	
	· · · · · · · · · · · · · · · · · · ·	Purpose in KLD		
	d.	Waste water generation in KLD	8 KLD	
		Treatment facility proposed and	The sewage	generated during the construction
	e.	scheme of disposal of treated	phase will be	treated in the Mobile STP
		water	-	
	II.	Operational Phase		
		Tatal Danis - C TAT	Fresh	39.16
	a.	Total Requirement of Water in	Recycled	51.56+43.20=94.76
		KLD	Total	133.92
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	127.224KLD	
	d.	STP capacity	150 KLD	
		Technology employed for	SBR Technolo	ogy
	e.	Treatment		
			L	



			AT The definition of the state
	f. Scheme of disposal of excess treated water if any		No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis
16	In	frastructure for Rain water harv	esting
			650 cu.m.
	b.	No's of Ground water recharge pits	24 Nos.
17	7 5	Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water
18	W	ASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 96 Nos.  Per capita of waste generated = 0.4 kg/day  Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.
	II.	Operational Phase	
	a.	Quantity of Biodegradable was generation and mode of Disposal as per norms	te 230.40 kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non-Biodegradabl waste generation and mode of Disposal as per norms	e 153.60kg/day. Non- Biodegradable waste will be handed over to authorized recyclers
	c,	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Nil
	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	E-waste generation will be very less
19	P	OWER	
	a.	Total Power Requirement - Operational Phase	1000 kVA
	b.	Numbers of DG set and capacit in KVA for Standby Power Supply	y 1 X 1000 kVA
	c. Details of Fuel used for DG Set  Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007		HSD
A The state of the			<ul> <li>Energy saved by using Solar water Heater:</li> <li>75,000 kWH/ Year(a)</li> <li>Solar Power Generation:</li> <li>In non-monsoon season 200kWH x 30 x 8</li> </ul>

			Months = 48,000kWH	
			• In monsoon season 100kWH x 30 x 4	
			Months = 12,000  kWH	
1			• Total SPV Power Generation in a year =	
			0.60 L kWH / Annum(b)	
Ì			Total Solar Energy utilization (Energy)	
			saving using solar heater and solar PV) in a year	
			= (a)+(b)= 0.75 + 0.6 L KWH = 1.35 L / Annum	
			(c)	
			<ul> <li>Total energy savings = 26.4%</li> </ul>	
20	$\mathbf{p}_{I}$	ARKING		
			One car spacing for 1 units as the floor area is	
			between 50 sq.m. to 225 sq.m = 192+10% visitors	
	_	Parking Requirement as per	Parking required is 192+20cars=212 Nos	
	a.	norms	Total car Parking required as per NBC= 212	
			Parking Provided is 212Ecs which is as Per NBC	
			and MoEF Norms	
		Level of Service (LOS) of the	Panathur Main Road-LOS - B	
	b.	connecting Roads as per the		
		Traffic Study Report		
	C,	Internal Road width (RoW)	3.5m	

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

The Proponent and Environment Consultant attended the 223<sup>rd</sup> meeting held on 28-5-2019 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee noted that as per the village survey map there are no water bodies either in the form of lake or natural nalas which attract buffer as per norms. As per as CER is concerned the proponent stated that he will earmark Rs.15.00 lakhs towards rejuvenation of nearby water body or other Environmental protection works

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

- 1. The proponent to submit BWSSB NOC for utilization of water.
- 2. Since there is some discrepancies in the landscape area of the presentation copy and in the concept plan. The proponent to clarify the landscape area(greenbelt) left.
- 3. The provision for driveway left is only 3.5 meters, whereas the minimum fire driveway is 6 meter, which has to be clarified and submitted.

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The proponent has submitted the replies during the 225th meeting held on 27-6-2019.

The replies furnished by the proponent has been perused and after discussion and deliberation the committee decided not to accept the replies furnished for the following:

- 1) Alternative arrangement in case BWSSB is not supplying the required water may be worked out and submitted with relevant flow charts.
- 2) Alternate scheme to accommodate at the rate of one tree per 80 sqmts as per norms may be worked out and submitted.

In view of the above the committee after discussion and deliberation decided to reconsider after submission of the above information.

The proponent has submitted the replies during the 226th meeting held on 11-7-2019. The committee perused the replies submitted by the proponent and accepted the same.

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

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

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

226.73 Rama Iron Ore Mine (MI-2621) 0.94 MTPA Iron Ore production Mining Lease Area: 33.80 Ha (Forest Land) at Ramgad Reserved Forest, Ramgad Village, Sandur Mandal, Ballari District, Karnataka State of M/s. JSW Steel Limited, P.O. Vidyanagar, Tornagallu Sandur Taluk, Bellary District, Karnataka (SEIAA 71 MIN 2017)

This is a proposal submitted by M/s. JSW Steel Limited, seeking Environmental Clearance for proposed Iron Ore Production at Mining Lease Area: 33.80 Ha (Forest Land) at Ramgad Reserved Forest, Ramgad Village, Sandur Mandal, Ballari District, Karnataka State (33.80 Ha).

Rama Iron Ore Mine is spread over an extent of 33.80 Ha area of Forest Land of Ramgad range, in Ramgad village, Sandur Taluka, Ballari District. LOI was granted on 26/10/2016 and lease period of 50 years as per MMDR (Amendment) Act-2015.

JSW Steel Limited proposes to increase the Iron ore production from 0.50 to 0.94 MTPA from its newly allotted mine through e-Auction. Earlier Environment clearance has been issued to Sri. Ram Rao M. Poal by SEIAA vide SEIAA 127 MIN 2008 dated 30th December 2009 for extraction of 0.50 MTPA iron ore out of 28.33 ha of mining lease area.

Fully mechanized open cast method of mining by drilling and blasting and by deploying HEMM equipments like hydraulic drills and excavators, wheel loaders, dumpers, will be undertaken.

Land Use pattern:

Particulars	Land use plan at the conceptual period (Area in	
Area for mining	18.66	
Area for waste dump	. 199	
Roads	1.32	
Green Belt/ 7.5m safety	2.20	
Infrastructure	0.10	
Backfilled area	11.16	
ROM stock	. 44	
Virgin / Unbroken	0.36	
Total	33.80	

The proposal is placed before the committee for appraisal.

The project proponent and Environmental Consultant attended the meeting of SEAC to provide required clarification and additional information.

The committee screened the proposal considering the information provided in the statutory application-Form 1, pre-feasibility report and additional information provided during the meeting. The committee considered the proposal as B1 and decided to recommend the proposal to SEIAA for issue of Model ToRs to conduct the EIA studies as per the EIA Notification, 2006 and relevant guidelines. The committee also prescribed the following additional ToRs.

- 1) Compliance to the EC conditions laid down to the earlier lease holder to be submitted
- 2) Status of Forest clearance as per Forest Conservation Act 1980 is to be submitted
- 3) Site photographs along with a 360 degree view of site, using a drone n to help identify the key environmental sensitive features of the entire site.
- 4) Land use area earmarked for different activities are to be justified with its adequacy
- 5) Impact on the surrounding environment due to this activity.
- 6) Status of implementation of R&R plan approved by CEC.

Accordingly ToRs were issued on 2-11-2017. The Proponent has submitted the final EIA Report on 14-1-2019.

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

The proponent and Environmental Consultant attended the meeting to present the EIA report and provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, EIA report and clarification/information provided during the meeting. The committee after discussion decided to recall after submission of the following informations:

- 1) The seven tanks mentioned by the public during public hearing may be identified and rejuvenation for the same may be worked out and submitted.
- 2) Mitigation to prevent soil erosion and effect on the soil and the soil profile including biological speciation may be studied and submitted.
- 3) Blasting studies to be modelled and predicted as per the commitment made to the public during public hearing.
- 4) Phyto remediation to prevent air, water pollution and soil erosion to be studied and submitted.
- 5) Occupational health profile of the dwellers in the surrounding area to be studied and submitted.
- 6) Details of direct and indirect employees to be employed in the project alongwith the details of their native taluks to be submitted as per the commitment in public hearing.
- 7) Cumulative impact study of the 500 meter radius, 5 KM and 10 KM for the air environment and noise environment to be modelled and predicted including all mines that were operating prior to 2011. Air capacity modelling methodology may be utilized for this study.
- 8) Compliance to the EC issued earlier to the previous lessee may be submitted.
- 9) Environmental sustainability report as per GRI/G4 framework and guidelines prepared for mining division of JSW to be submitted alongwith the sustainability report of the enterprise which is already available.
- 10) Details of chemical used in the mitigation of fugitive dust during screening operations and material handling operations to be submitted.

The proponent has submitted the replies on 14-3-2019 and the same was placed before the committee for perusal.

The proponent was recalled for the 222<sup>nd</sup> meeting held on 9-5-2019 to provide required information. The proponent and Environment Consultant attended the meeting to provide required information. The committee perused the replies submitted by the proponent and decided to reconsider after submission of the following information.

1) Undertaking to take up rejuvenation of one tank with the budgetary backup with a water spread area of 25 Ha.(Byalakundi Tank) out of seven tanks on which public have expressed concerns during public hearing.

- 2) Soil health status highlighting microbial profile including physical parameters.
- 3) Health status of the two villages (Sushilnagar/Bhavihalli and Siddapura) in the downwind direction.
- 4) Mine employees details at the time of commencement of operation including statutory appointment.
- 5) Carbon foot print tobe estimated and suitable offsets with quantification to be provided to make it a carbon neutral operation.
- 6) Design of brushwood checkdam and suitable species thereon may be detailed and submitted.

The proponent has submitted the replies vide letter dated:22-6-2019 and the same was placed before the committee. The committee perused the replies submitted by the proponent and accepted the same.

The committee after discussion/deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance subject to submission of the following information to the authority.

- 1) Environmental sustainability report to be provided for the mining division based on the current other operating mines.
- 2) Submit the details of input data such as source and emission rates for the air capacity modeling submitted.

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

The meeting concluded with thanks to the Chair.

Chairman, SEAC Karnataka.