

Proceedings of the 206th SEAC Meeting held on 20th & 21st August 2018

Members present in the meeting:

MS SEIAA
27/8/2018

Shri. N. Naganna	-	Chairman
Shri. B. Chikkappaiah, IFS(R)	-	Member
Dr. M.I. Hussain	-	Member
Shri M. Srinivasa	-	Member
Shri G.T Chandrashekharappa	-	Member
Dr. Vinodkumar C.S	-	Member
Shri. Vyshak V. Anand	-	Member
Shri. J.G. Kaveriappa	-	Member
Shri. VijayaKumar, IFS	-	Secretary

The Chairman, SEAC, Karnataka welcomed the members of the Committee and others present. The following proposals listed in the agenda were appraised in accordance with the provisions of EIA Notification 2006. The observation and decision of the Committee are recorded under each of the agenda items.

Confirmation of the proceedings of 205th SEAC meeting held on 18th August 2018.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 205th SEAC meeting held on 18th August 2018 and confirmed the same.

At the outset committee noted the natural disaster happened due to unprecedented devastating floods all along the Western Ghat area especially Kodagu district and expressed deep shock and concern and decided to request SEIAA to divert the CER funds on top priority for rehabilitation of the affected people and areas.

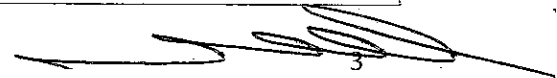
Fresh Subjects:

206.1 Proposed Project to Formulation of Urea Formaldehyde Resin and Melamine Urea Formaldehyde Resin and Manufacturing process of Lamination of Particle Boards & MDF at Plot No.96-B and 96-C, Adakanahalli Industrial Area, Chikkaiahnachatra Nanjanagudu Taluk, Mysore, District by M/s. Harsha Impex (SEIAA 38 IND 2018)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Harsh Impex registered office at No.977, 13 th Cross, 26 th Main, J P Nagar, 2 nd stage, Mysore-570008.

2	Name & Location of the Project	Plot No.96-B and 96-C, Adakanahalli Industrial Area, Chikkaiahnachatra, Nanjanagudu Taluk, Mysore District.
3	Co-ordinates of the Project Site	Latitude:12°10' 18.5"N Longitude: 76°42' 15.7"E
4	Environmental Sensitivity	
	a.	Distance From nearest Lake/ River/ Nala Kabini River-3km (SE)
	b.	Distance from Protected area notified under wildlife protection act None within 15km
	c.	Distance from the interstate boundary None within 15km
	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	5f
6	New/ Expansion/ Modification/ Product mix change	New
7	Plot Area (Sqm)	4,000Sqm.Mts
8	Built Up area (Sqm)	792 Sqm.mts
9	Component of developments	Proposed to manufacture of lamination of particle boards & MDF Sheets of capacity 400 Sheets/day And Formulation of Urea Formaldehyde Resin and Melamine Urea Formaldehyde Resin of capacity 15 tons/day
10	Project cost (Rs. In crores)	2,03,17,000(2 crores 3lakhs seventeen thousand)
11	Details of Land Use (Sqm)	
	a.	Ground Coverage Area 792.00
	b.	Kharab Land --
	c.	Internal Roads --
	d.	Paved area --
	e.	Parking 310
	f.	Green belt 1040.40
	g.	Others Specify 1857 Open space
	h.	Total 4,000

Products and By- Products with quantity (enclose as Annexure if necessary)			
12	SI. No	Products	Quantity
	1.	Lamination of Particle Boards & MDF Sheets	400 Sheets/day
	2.	Formulation of Urea Formaldehyde Resin and Melamine Urea Formaldehyde Resin of capacity	15 tons/day
Raw material with quantity and their source (enclose as Annexure if necessary)			
13	SI. No	Material	Quantity per month
	1.	Formaldehyde	10 tons/ day
	2.	Melamine	2.5 ton/ day
	3.	Urea	1.5 ton/ day
	4.	Formic acid	10 kgs/ day
	5.	Caustic Soda	5 kgs/ day
14	Mode of transportation of Raw material and storage facility		By Road/ Train
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant		No
16	Fly ash production, storage and disposal details whereas coal is used as fuel		No
17	Complete process flow diagram and technology employed		Submitted in Pre-feasibility Report in chapter-3
18	Details of Plant and Machinery with capacity/ Technology used		Submitted in Pre-feasibility Report in chapter-3
19	Details of VOC emission and control measures wherever applicable		Submitted in Pre-feasibility Report in chapter-3
20	WATER		
	I.	Construction Phase	
	a.	Source of water	KIADB
	b.	Quantity of water for Construction in KLD	2 KLD
	c.	Quantity of water for Domestic Purpose in KLD	0.25KLD



	d.	Waste water generation in KLD	1.6 KLD
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP/Chemical Toilet
	II Operational Phase		
	a.	Source of water	
	b.	Total Requirement of Water in KLD	Fresh 0.55
			Recycled -
			Total 0.55
	c.	Requirement of water for industrial purpose / production in KLD	Fresh 0.10 for cooling
			Recycled -
			Total 0.1
	d.	Requirement of water for domestic purpose in KLD	Fresh 0.45
			Recycled -
			Total 0.45
	e.	Waste water generation in KLD	Industrial effluent -
			Domestic sewage 0.360
			Total 0.360
	f.	ETP/ STP capacity	
	g.	Technology employed for Treatment	Shall be disposed through Mobile STP/Chemical Toilet
	h.	Scheme of disposal of excess treated water if any	
21	Infrastructure for Rain water harvesting		A collection tank of 5 KLD will be constructed for collecting only the roof top water
22	Storm water management plan		Refer Pre-feasibility Report chapter-6
23	Air Pollution		
	a.	Sources of Air pollution	<ul style="list-style-type: none"> > 1 No X Boiler 1.5 T/Hr. > 2 No's X DG set-62.5 KVA
	b.	Composition of Emissions	SOx, NOx
	c.	Air pollution control measures proposed and technology employed	For Boilers 3 m ARL(Individual) stack provided. For Dg set 3 m ARL with acoustic enclosures stack provided.
24	Noise Pollution		
	a.	Sources of Noise pollution	DG set
	b.	Expected levels of Noise pollution	≤75dBA

		in dB	
	c.	Noise pollution control measures proposed	For DG set, adequate noise control measures as per CPCB norms shall be provided, These measures shall ensure that the noise levels shall be within the prescribed norms
25	WASTE MANAGEMENT		
	I.	Operational Phase	
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable Solid waste-Office waste 5 Keps/Month Sold to recyclers. Non- Biodegradable
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	Used Oil 0.1 KL/Annum Shall be collected in leak proof containers & disposed to KSPCB registered reprocess. Cotton Waste 2 Kg/Annum Shall be collected & disposed to KSPCB registered incinerator. Oil filter No's /Annum Shall be collected & Disposed to KSPCB registered incinerator.
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	--
26	Risk Assessment and disaster management		Kindly Refer Chapter 10.
27	POWER		
	a.	Total Power Requirement in the Operational Phase with source	10Kva
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1Nos X 62.5KVA
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	Diesel
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	---
28	PARKING		
	a.	Parking Requirement as per norms	As per local Bye law
	b.	Internal Road width (RoW)	5
29	Any other information specific to the project (Specify)		---

The proposal was placed before the committee for appraisal.

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

Since this is a first opportunity, the committee decided to provide one more opportunity to the proponent with an intimation that the proposal will be appraised based on merit in case he remains absent again.

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

206.2 Proposed Residential Layout, Villas and Health care facility in Sy.Nos.60/3, 60/4, 60/6, 60/7, 60/8, 60/9, 60/10, 60/11, 60/12, 95/1, 95/2, 95/3, 95/4, 95/5, 95/6, 95/7, 95/8, 95/9A, 95/9B, 95/10 & 95/12 of Vaderahalli Village, Harohalli Hobli, Kanakapura Taluk, Ramanagar District by M/s. Svamitva Landmarks(SEIAA 122 CON 2018)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	M/s. Svamitva Landmarks, No. 110/2, First Floor, Krishnappa Layout, Lalbagh Road, Bengaluru 560 027
2	Name & Location of the Project	Proposed Residential Layout, Villas and Health care facility project by M/s. Svamitva Landmarks, at Sy Nos. 60/3, 60/4, 60/6, 60/7, 60/8, 60/9, 60/10, 60/11, 60/12, 95/1, 95/2, 95/3, 95/4, 95/5, 95/6, 95/7, 95/8, 95/9A, 95/9B, 95/10 & 95/12 of Vaderahalli Village, Harohalli Hobli, Kanakapura Taluk, Ramanagara District.
3	Co-ordinates of the Project Site	Longitude: 77° 29' 02.91"E Latitude: 12° 44' 38.08"N
4	Environmental Sensitivity	
	a. Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	Kaggalahalli Kere - 1.14kms (SE)
	b. Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	Not applicable
5	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Layout, Villas & Health Care facility

	b.	Residential Township/ Area Development Projects	No
6		Plot Area (Sqm)	86,399.18sq.m.
7		Built Up area (Sqm)	59,939.51sq.m
8		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Construction of Residential Layout, Villas & Health Care Project comprising of 111 Blocks, Block 1 having Ground Floor + 2 Upper Floors + Terrace Floor, Block 2 & Block 3 having Ground Floor + Upper Floor + Terrace Floor, Block 5 having Ground Floor + 2 Upper Floors + Terrace Floor, Block 6 to 111 having Ground Floor + 1 Upper Floors + Terrace Floor, with total of 221 residential units. Block 4 will be used for Commercial purpose which comprises of Ground Floor + 2 Upper Floor + Terrace Floor
9		Number of units in case of Construction Projects	Total Number of Units is 221Nos.
10		Number of Plots in case of Residential Township/ Area Development Projects	-
11		Project Cost (Rs. In Crores)	120
12		Recreational Area in case of Residential Projects / Townships	Playground area - 2,055sq.m. and Senior Citizen allocated area - 3,225sq.m. Cycling track - 1200sq.m. Total recreational ground area = 6,480sq.m. (7.5% of plot area); Gym and Indoor games on Ground floor: 6,480sq.m. (7.5% of plot area). Total recreational area = 12,960sq.m. (15% of plot area)
13		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	34,349.49sq.m (39.75%)
	b.	Kharab Land	--
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	29,372.09sq.m (34.01%)
	d.	Internal Roads	18,355.10sq.m. (21.24%)
	e.	Paved area	-
	f.	Others Specify (Civic Amenities)	4,322.5 sq.m . (5%)
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
	h.	Total	86,399.18sqm
14		Details of demolition debris and / or Excavated earth	
	a.	Details of Debris (in cubic	No demolition is involved.

	meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	
b.	Total quantity of Excavated earth (in cubic meter)	1,54,572.71cu.m.
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	1,54,572.71cu.m.
d.	Excess excavated earth (in cubic meter)	Nil
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	No disposal

15 WATER

I.	Construction Phase			
a.	Source of water	From Nearby treated water suppliers		
b.	Quantity of water for Construction in KLD	50 KLD		
c.	Quantity of water for Domestic Purpose in KLD	10 KLD		
d.	Waste water generation in KLD	8 KLD		
e.	Treatment facility proposed and scheme of disposal of treated water	The sewage generated during the construction phase will be treated in the Mobile STP		
II.	Operational Phase			
a.	Total Requirement of Water in KLD		Residential Layout & Villas	Health care
		Fresh	92.84	17.5
		Recycled	$59.67+32.49=92.16$	$11.25+6.13=17.38$
		Total	185	34.88
b.	Source of water	Gram Panchayath		
c.	Waste water generation in KLD	Residential Layout & Villas - 175.75 KLD Health Care - 33.13 KLD		
d.	STP capacity	230 KLD		
e.	Technology employed for Treatment	SBR Technology		
f.	Scheme of disposal of excess treated water if any	No Disposal. The treated water will be reused for toilet flushing, landscaping in the project site, avenue plantation and Reuse after treating with ultrafiltration and reverse osmosis		

16 Infrastructure for Rain water harvesting

	a.	Capacity of sump tank to store Roof run off	1855 cu.m.
	b.	No's of Ground water recharge pits	235 Nos.
17		Storm water management plan	The storm water from the site will be collected by rainwater harvesting system and will be used for recharging the ground water
18		WASTE MANAGEMENT	
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	No of labours = 100 Nos. Per capita of waste generated = 0.2 kg/day 20 kg/day of waste will be generated. Separate collection bins will be used for organic and inorganic waste. Organic waste will be converted in organic convertor. Inorganic solid waste will be handed over to authorized recyclers.
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	378.24kg/day. Biodegradable waste will be converted in organic convertor.
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	252.16kg/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 and mode of Disposal as per norms	E-waste generation will be very less
19		POWER	
	a.	Total Power Requirement - Operational Phase	1350 kVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	1 X 1350 kVA.
	c.	Details of Fuel used for DG Set	HSD
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	<ul style="list-style-type: none"> • Energy saved by using Solar water Heater : 50,000kWH/ Year.....(a) • Total SPV Power Generation in a year = 0.30 L kWh / Annum.....(b) • Total Solar Energy utilization (Energy saving using solar heater and solar PV) in a year = (a)+(b)= 0.5+0.30 L KWH = 0.8 L / Annum(c) • Total energy savings from residential

		building = 27.39%
20	PARKING	
a.	Parking Requirement as per norms	One car spacing for 1 unit as the floor area is >50 sq.m. = 221+10% visitors Parking required is 221+22 cars Commercial 2976.4/75 sq.m = 40 cars Total car Parking required as per NBC= 283 Parking Provided is 283Ecs which is as Per NBC and MoEF Norms
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Kanakapura Road-LOS - B
c.	Internal Road width (RoW)	12 m

The proposal was placed before the committee for appraisal.

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

The committee observed that as per the village survey map there is one primary nala on the eastern side and a secondary nala on the southern side of the project site. The proponent has stated that he has left only 25 meter buffer zone from the primary nala and he has not left any additional buffer zone for the secondary nala since there is a road between the nala and the project site and the proponent has requested not to apply NGT order since this project site is outside the BBMP/BDA limits.

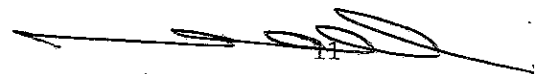
As far as the request of the proponent about the applicability of the NGT order for the project outside the BBMP/BDA limits but within the BMRDA limits, this issue has already been discussed in the previous SEAC meetings and also as per the clarification of the SEIAA, the NGT order covers entire BMRDA area and hence the concept plan now prepared needs to be changed and the committee can proceed with appraisal only after submission of the modified concept plan accommodating buffer zone as per NGT order. Hence, the committee after discussion/deliberation decided to defer the proposal.

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

206.3 Proposed Development of Commercial Building project at Plot No.1A, 1B, 1C, 1C(Part) & 1D, KadugodiSadaramangala Industrial Area, BidarahalliHobli, Whitefield, Bangalore East Taluk, Bangalore by M/s. Whitefield Developers(SEIAA 123 CON 2018)

Sl. No	PARTICULARS	INFORMATION
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1	Name & Address of the Project Proponent	Tanmay Agarwal, Authorized Signatory, M/s. Whitefield Developers, Unit 206, 2 nd Floor, Barton Centre, 84, MG Road, Bangalore - 560 001
2	Name & Location of the Project	Development of Commercial Building project at Plot No. 1A, 1B, 1C, 1C (Part) & 1D, Kadugodi, 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.,)	NA
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	NA
5	Type of Development	Commercial Building
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial Building
b.	Residential Township/ Area Development Projects	NA
6	Plot Area (Sqm)	1,00,846.90 m2
7	Built Up area (Sqm)	1,49,795.98 m2
8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Building - 1 Wing - 1 : 3B+G+13 UF Wing - 2 : 3B+G+3 UF Building - 2 : 3B+G+2 UF
9	Number of units in case of Construction Projects	NA
10	Number of Plots in case of Residential Township/ Area Development Projects	NA
11	Project Cost (Rs. In Crores)	250
12	Recreational Area in case of Residential Projects / Townships	NA
13	Details of Land Use (Sqm)	



a.	Ground Coverage Area	10,427.15 Sqm (10.34%)
b.	Kharab Land	NA
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	20,205.60 Sqm (20.03%)
d.	Internal Roads	8mts Width
e.	Paved area	34,343.0 Sqm (34.10%)
f.	Others Specify	Area left for future expansion is about 30,829.15 Sqmt (30.30%).
g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA
h.	Total	
14	Details of demolition debris and / or Excavated earth	
a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	NA
b.	Total quantity of Excavated earth (in cubic meter)	1, 45,000
c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	For back filling = 45,000 For Landscape= 30,000 For Internal Road making =50, 000 Remaining 20,000 Cum will be stored and will be used for our future construction projects
d.	Excess excavated earth (in cubic meter)	NA
e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	NA
15	WATER	
I.	Construction Phase	
a.	Source of water	Our Existing STP or from BWSSB
b.	Quantity of water for Construction in KLD	100 KLD
c.	Quantity of water for Domestic Purpose in KLD	5 KLD
d.	Waste water generation in KLD	4 KLD
e.	Treatment facility proposed and	Mobile sewage

	scheme of disposal of treated water	Treatment Plant
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 340
		Recycled 200
		Total 540
b.	Source of water	KIADB
c.	Waste water generation in KLD	500
d.	STP capacity	500 KLD
e.	Technology employed for Treatment	SBR
f.	Scheme of disposal of excess treated water if any	Zero Discharge
16	Infrastructure for Rain water harvesting	
a.	Capacity of sump tank to store Roof run off	150 KLD
	No's of Ground water recharge pits	50 No's
17	Storm water management plan	Enclosed in EMP
18	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	Shall be disposed through BBMP Authorised
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	607 kg/day converted in to organic manure and used for garden
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	911 Kg/day given to PCB authorized recycler
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	1000-1600 Lts/one B check given to PCB authorized recycler
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	500 Kg/year given to PCB authorized recycler
19	POWER	
a.	Total Power Requirement - Operational Phase	4159 KW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	2000 KVA X 4 nos.
c.	Details of Fuel used for DG Set	Low Sulphuric diesel

d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	37.04% we are achieved
20	PARKING	
a.	Parking Requirement as per norms	1681
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Traffic report is enclosed
c.	Internal Road width (RoW)	8 mts

The proposal is placed before the committee for appraisal.

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

The committee observed from the village survey map that the land acquired for formation of KIADB Layout is in revenue village survey map of Kadugodi plantation and it is observed that there are no water bodies either in the form of lake or natural nalas which attracts buffer as per NGT order

The committee observed that the proponent has submitted the details of study area of 500 meters radius only, but to ascertain the environmental sensitivity, study has to be conducted within 15 KM of aerial distance from the proposed project location boundary for which the proponent has agreed to submit the same. The proponent has submitted only the details of environmental impacts but he has not submitted the EMP budget provisions for taking mitigation measures during construction and operation stages and the proponent has agreed to submit 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 shall submit the details of studies conducted within 15 KM of aerial distance from the project boundary (at 5 KM, 10 KM & 15 KM radius).
2. The proponent shall submit the details of EMP budget provision made during construction and operation stages.
3. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
4. 5 to 10 % 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.

206.4 Proposed Development of Residential Apartment & Commercial Space" at Sy.No.9/3, Basavanapura Village, BegurHobli, Bengaluru South Taluk, Bengaluru by M/s. Vedant Suraksha Properties(SEIAA 124 CON 2018)

Sl. No.	PARTICULARS	INFORMATION	
1.	Name & Address of the Project Proponent	Mr. V. Ramesh Kumar Managing Partner, M/s. Vedant Suraksha Properties, Sy. No. 9/3, Basavanapura Village, Begur Hobli, Bengaluru South Taluk, Bengaluru-560083	
2.	Name & Location of the Project	"Development of Residential Apartment & commercial space" Sy. No. 9/3, Basavanapura Village, Begur Hobli, Bengaluru South Taluk, Bengaluru	
3.	Co-ordinates of the Project Site	Latitude : 12 Deg 50 Min 36.79 Sec N Longitude : 77 Deg 35 Min 14.78 Sec E	
4.	ENVIRONMENTAL SENSITIVITY		
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.,)	There is a Basavanapura lake on the north-east side of the site, which is 85m away from the building line of the project.
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	There is a Basavanapura lake on the north-east side of the site, which is 85m away from the building line of the project.
5.	TYPE OF DEVELOPMENT		
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Apartment & commercial space
	b.	Residential Township/ Area Development Projects	NA
6.	Plot Area (Sqm)	12,682.85 Sqm	
7.	Built Up area (Sqm)	52,770.46 Sqm	
8.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project is coming up with 312 No. of residential units with clubhouse distributed over GF+14UF & a Commercial space (1770 Sqm) at ground floor.	
9.	Number of units in case of Construction Projects	312 Nos. of Residential units, club house and commercial space	

10.	Number of Plots in case of Residential Township/ Area Development Projects	NA
11.	Project Cost (Rs. In Crores)	Rs. 53Crores
12.	Recreational Area in case of Residential Projects / Townships	-
13.	DETAILS OF LAND USE (SQM)	
	a.	Ground Coverage Area 4828.0 Sqm
	b.	Kharab Land --
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 3,623.02 Sqm
	d.	Internal Roads 3,125.19 Sqm
	e.	Paved area -
	f.	Others Specify Road widening area - 1,106.64 Sqm
	g.	Parks and Open space in case of Residential Township/ Area Development Projects -
	h.	Total 12,682.85 Sqm
14.	DETAILS OF DEMOLITION DEBRIS AND / OR EXCAVATED EARTH	
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable There is no demolition work
	b.	Total quantity of Excavated earth (in cubic meter) 28,000 m ³
	c.	Quantity of Excavated earth propose to be used in the Project site (in m ³) 28,000 m ³
	d.	Excess excavated earth (in m ³) -
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal Excavated soil will be used within the project site
15.	WATER	
	I.	Construction Phase
	a.	Source of water Tertiary treated water for construction & External Tanker water suppliers for domestic use.
	b.	Quantity of water for Construction in KLD 19 KLD
	c.	Quantity of water for Domestic 7.5 KLD

	Purpose in KLD	
d.	Waste water generation in KLD	7.1 KLD
e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be discharged to UGD.
II.	Operational Phase	
a.	Total Requirement of Water in KLD	Fresh 146 KLD
		Recycled 76 KLD
		Total 222 KLD
b.	Source of water	BWSSB
c.	Waste water generation in KLD	211 KLD
d.	STP capacity	230 KLD
e.	Technology employed for Treatment	Sequential Batch Reactor (SBR) Technology
f.	Scheme of disposal of excess treated water if any	Excess treated water will be used for avenue plantation/construction.
16.	INFRASTRUCTURE FOR RAINWATER HARVESTING	
a.	Capacity of sump tank to store Roof run off	125 m ³
	No's of Ground water recharge pits	13 Nos.
17.	Storm water management plan	Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the external storm water drain.
18.	WASTE MANAGEMENT	
I.	Construction Phase	
a.	Quantity of Solid waste generation and mode of Disposal as per norms	The domestic solid wastes will be minimal as there is no provision of labor colony; the generated domestic solid waste will be handed over to outside vendors. Construction debris -53 m ³ This will be reused within the site for road and pavement formation
II.	Operational Phase	
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	500 kg/day This will be segregated at household levels and will be processed in proposed organic waste converter.
b.	Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms	348 kg/day Recyclable wastes will be handed over to authorized waste recyclers
c.	Quantity of Hazardous Waste generation and mode of Disposal	Waste Oil Generation : 0.311 L/ running hour of DG

	as per norms	Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.
19.	POWER	
a.	Total Power Requirement - Operational Phase	1,238 kW
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	320 kVA - 2 Nos.
c.	Details of Fuel used for DG Set	134 L/hr
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	1) Solar Lights, 2) LED, 3) Solar water heaters, 4) Copper wound transformer. The overall energy savings is around 29.54%
20.	PARKING	
a.	Parking Requirement as per norms	389 Nos.
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Bannergahhta Road - A
c.	Internal Road width (RoW)	8 m (ROW)

The proposal was placed before the committee for appraisal.

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

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, EIA report and clarification/additional information provided during the meeting. As seen from the village survey map there is a lake in Sy.No.14. The nearest edge of the water spread is more than 50 meters as stated by the proponent. The proponent has also stated that he has left 29 meter setback within the project site and hence the mandatory buffer zone of 75 meter from the lake has been taken care off. The proponent has stated that the Bannerghatta National Park is at a distance of 4.5 kilometers. Since the project is located within 10 KM from BNP the proponent needs to submit the map duly authenticated by Chief Wildlife Warden as mandated in Appendix-I para 6 of EIA Notification. Regarding, 40% of the quantity of treated sewage proposed to be let out, the proponent has agreed that he will reduce the quantity by proposing HVAC and submit the scheme for the same.

Hence, the committee after discussion decided to reconsider the proposal after submission of the above information:

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

ToR Proposals:

206.5 Proposed mining of "Kamkeri Limestone Mine" over an extent of 4.49 Ha at Sy.No.87(P) in Kamkeri Village, Ramadurga Taluk, Belgaum District by Sri. B.D Kenchareddy(SEIAA 45 MIN 2018)

Sl. No	PARTICULARS	INFORMATION		
1	Name & Address of the Project Proponent	Sri. B.D Kenchareddy, Halki Village, Ningapur post, Mudhol Taluk, Bagalkot District Karnataka - 587313. Phone No. : +91 9741584239. E-mail: bdkenchareddy@gmail.com		
2	Name & Location of the Project	Kamkeri Limestone mine of Sri. B.D Kenchareddy at Sy. No. 87(P) in Kamkeri Village, Ramadurga taluk, Belgaum Dist, Karnataka State		
3	Co-ordinates of the Project Site	P. No.	Latitude	Longitude
		A	N 16° 12' 09.36423"	E 75° 15' 18.41821"
		B	N 16° 12' 09.77053"	E 75° 15' 25.02786"
		C	N 16° 12' 08.06986"	E 75° 15' 25.32483"
		D	N 16° 12' 08.95307"	E 75° 15' 33.67813"
		E	N 16° 12' 12.87766"	E 75° 15' 33.23178"
		F	N 16° 12' 11.94525"	E 75° 15' 25.99260"
		G	N 16° 12' 11.85713"	E 75° 15' 18.09770"
		H	N 16° 12' 10.98024"	E 75° 15' 18.03304"
4	Type of Mineral	Limestone		
5	New / Expansion / Modification / Renewal	New ((Existing (M.L. No. 2409))		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land (Non Forest)		
7	Whether the project site fall within ESZ/ESA	No		
8	Area in Ha	4.49		
9	Actual Depth of sand in the lease area in case of River sand	Not Applicable		
10	Depth of Sand proposed to be	Not Applicable		

	removed	
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	Not Applicable
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	Mining will be done up to 24.73m Depth from the surface.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,20,000 TPA
14	Quantity of Topsoil/Over burden in cubic meter	10,935.89 cu.m (2018-2019)
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	12,240.30 Cu.m(31,580 Tons)
16	Project Cost (Rs. In Crores)	6.28
17	Environmental Sensitivity	
	a. Nearest Forest	None Within 5kms
	b. Nearest Human Habitation	2.5 km SE - Kamkeri village
	c. Educational Institutes, Hospital	Near Lokapur - 12.0kms (SE)
	d. Water Bodies	Doddahalla - 6.20 kms (W)
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	NA
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	2.293
	b. Waste Dumping Area	0.351
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	0.040
	e. Infrastructure Area	0.006
	f. Road Area	0.137
	g. Green Belt Area	
	h. Unexplored area	--
	i. Others Specify	1.629
20	Method of Mining/ Quarrying	Other Than Fully Mechanized Method
21	Rate of Replenishment in case River sand project	Not Applicable
22	Water Requirement	
	a. Source of water	Water Tankers (Borewell from the village)
	b. Total Requirement of Water in KLD	Dust Suppression 6.8 KLD

		Domestic	1.485 KLD
		Other	2.215 KLD (green belt)
		Total	10.5 KLD
23	Storm water management plan	Garland drains will be provided around the excavations, dumps and along roads to divert storm water from broken areas into the mining sump where the water percolates into the ground due to porosity of Limestone material. A series of Gully Plugs will be constructed. Drains will be constructed to channelize the water in loose soil areas to prevent erosion	
24	Any other information specific to the project (Specify)	None	

The proposal was placed before the committee for appraisal.

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

As per the statement of the proponent the mining in the said area has been leased in favour of him during the year 2003 and he has also stated that he has carried out the mining activity during the year 2008 & 2009 in support of which he has produced audit reports. Except these two years of mining he has not carried out any mining activities till this day. The lease period is valid upto 2023 and further as per MMDR Act 2015, the deemed extension will be up to 2053.

But as far as obtaining EC for existing lease holders, the lease holders are mandated to file the application for obtaining EC within a period of three months from 13-1-2015 as per the Hon'ble NGT order. The proponent has not made out any application for issual of EC in that window period for which the proponent has pleaded that no mining activity has been carried out after 2009 and hence it is not mandatory to make out an application for issual of EC.


Hence the committee after discussion/deliberations decided to recommend the file for closure and delist from pendency, since no application has been made out as mandated.

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

Referred back from Authority:

206.6 Proposed Lime Stone & Dolomite Mine Project at Sy.Nos.123 & 219 of Alagundi Village, Mudhol Taluk, Bagalkot District (14.89 Ha) (36-31 Acres) By M/s. Mahaveer Silicons Pvt. Ltd. (SEIAA 17 MIN 2018)

Sl. No	PARTICULARS	INFORMATION
	Name & Address of the Project	M/s. MAHAVEER SILICONS PVT.



1	Proponent	LTD. Sri. H. B. Patil (Director) H. No. 54, Sector 55, Navanagar Bagalkote-587 103, KARNATAKA		
2	Name & Location of the Project	Alagundi Lime Stone & Dolomite Mine Sy. Nos. 123 & 219 Alagundi Village, Mudhol Taluk Bagalkot District, Karnataka		
3	Co-ordinates of the Project Site	Bound ary Pillar (BP) Nos.	Latitude	Longitude
		1	N16°16'17.7"	E75°25'18.6"
		2	N16°16'18.6"	E75°25'15.7"
		3	N16°16'17.9"	E75°25'12.7"
		4	N16°16'18.9"	E75°25'10.3"
		5	N16°16'20.0"	E75°25'10.2"
		6	N16°16'20.5"	E75°25'11.8"
		7	N16°16'22.7"	E75°25'12.9"
		8	N16°16'24.8"	E75°25'09.9"
		9	N16°16'24.0"	E75°25'17.1"
		10	N16°16'29.0"	E75°25'16.7"
		11	N16°16'34.7"	E75°25'16.3"
		12	N16°16'40.7"	E75°25'13.7"
		13	N16°16'42.9"	E75°25'11.7"
		14	N16°16'42.9"	E75°25'13.4"
		15	N16°16'40.0"	E75°25'19.3"
		16	N16°16'42.3"	E75°25'24.6"
		17	N16°16'35.8"	E75°25'25.6"
		18	N16°16'33.7"	E75°25'25.5"
		19	N16°16'32.6"	E75°25'28.9"
		20	N16°16'30.9"	E75°25'30.1"
		21	N16°16'30.4"	E75°25'29.3"
4	Type of Mineral	Major Minerals		
5	New / Expansion / Modification / Renewal	Modification		
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue		
7	Whether the project site fall within ESZ/ESA	Not Applicable		
8	Area in Ha	14.89 Ha.		
9	Actual Depth of sand in the	Not Applicable		

	lease area in case of River sand			
10	Depth of Sand proposed to be removed		Not Applicable	
11	Annual Production Proposed (Metric Tons/ CUM) / Annum		Avg. Prod'n For 5 Years- 30,000 Tons	
12	Quantity of Topsoil/Overburden in cubic meter		Not Applicable	
13	Mineral Waste Handled (Metric Tons/ CUM)/ Annum		7,892 Tons	
14	Project Cost (Rs. In Crores)		80 Lakhs Rupees	
15	Environmental Sensitivity			
	a.	Nearest Forest	MarakattiRF- 2.5KmW HalagaliRF- 8.0KmN Kundargi RF - 4.0 Km NE	
	b.	Nearest Human Habitation	Alagundi 1.6Km	
	c.	Educational Institutes, Hospital	None	
	d.	Water Bodies	Ghataprabha River 2.5 Km South Alamatti Back Water -11.0 Km SE	
	e.	Other Specify	None	
16	Applicability of General Condition of the EIA Notification, 2006		yes	
17	Details of Land Use in Ha			
	a.	Area for Mining/ Quarrying	2.586	
	b.	Waste Dumping Area	0.088	
	c.	Top Soil Storage Area	-	
	d.	Mineral Storage Area	0.200	
	e.	Infrastructure Area	0.001	
	f.	Road Area	0.188	
	g.	Green Belt Area		
	h.	Unexplored area		
	i.	Others Specify	11.827	
18	Method of Mining/ Quarrying		Semi-Mechanized Open Cast Method	
19	Water Requirement			
	a.	Source of water		
	b.	Total Requirement of Water in KLD	Dust Suppression	5400Ltrs/ Day
			Domestic	370Ltrs/ Day
			Other	
			Total	5770Ltrs/ Day

20	Storm water management plan	
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The proposal was placed before the committee for appraisal.

The proponent and Environmental Consultant attended the 196th meeting held on 16th & 17th April 2018 to provide required information/clarifications.

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

The committee after discussion decided to recommend the proposal to SEIAA for issuing of Standard ToRs. The committee also prescribed the following additional ToRs.

- 1) Exploration details have to be substantiated with details of core drilling data with core logging and chemical analysis.
- 2) The details for protecting nala and cart track reflected in the boundaries of the land use may be worked out and submitted.
- 3) Chemical analysis of the subgrade material may be taken up and submitted.
- 4) Combined sketch from DMG showing the mining areas within the 500 meters may be furnished.
- 5) Precautionary measures to prevent the spread of accidental fire to the surround area may be detailed and furnished.

In the meanwhile the authority in 148th meeting held on 8th May 2018 decided to get the following information.

- 1) Clarification with regard to the extent of land in the M.L No.1830 from the proposal death in File No.SEIAA 146 MIN 2008 and SEIAA 180 MIN 2013 which were closed in the Authority for non-submission of required information.
- 2) Details of production and validity of statutory clearance from inception till date to establish that it does not constitute a violation and do not attract SLP (Civil) No.32138 of 2015 on 7th February 2018 and W.P (Civil) No.114 of 2014 on 2nd August 2017.

The proponent has submitted the reply vide letter dated:28-5-2018 to the Authority and subsequently submitted the modified proposal vide letter dated:4-7-2018 received on 27-7-2018. Since the extent of land involved is different from the earlier appraisal, the file was referred back from the authority for reappraisal as there is a substantial increase in the lease area and private land is involved.

The proposal was placed before the 206th meeting held on 20th August 2018. The proponent and environment consultant attended the meeting to provide required clarification/additional information.

The committee noted that as per the statement of the proponent the mining in the said area has been leased in favour of him during the year 1982 in the name of M/s. Standard Minerals works. The mining lease has been transferred to present proponent i.e., M/s. Mahaveer Silicons Pvt., Ltd., in the year 1993. The validity of the mining lease was for 20 years from 1982 and lapsed in the year 2002. The proponent has made out an application for renewal of the lease during 2001 itself. The proponent has stated that no mining activity has been carried out since 2002-03 to till date.

But as far as obtaining EC for existing lease holders, the lease holders are mandated to file the application for obtaining EC within a period of three months from 13-1-2015 as per the Hon'ble NGT order. The proponent has not made out any application for issual of EC in that window period for which the proponent has pleaded that no mining activity has been carried out after 2002-03 and hence it is not mandatory to make out an application for issual of EC.

Hence the committee after discussion/deliberations decided to recommend the file for closure, since no application has been made out as mandated.

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

EIA Appraisal

206.7 Establishment of Industrial Areas at Adakanahalli Industrial Area, Adakanahalli Village, Nanjangud Taluk, Mysore District. 222.75 Ha (550 Acres) of CEO & Executive Member, KIADB, 14/3, 2nd Floor, Rashtrathana Parishat Building (RP), Nrupatunga Road, Bengaluru - 560 001. (SEIAA 11 IND 2013)

Project Proponent: CEO & Executive Member, KIADB
Environment Consultant: M/s. Ramky Enviro Engineers Limited

M/s. Karnataka Industrial Areas Development Board (KIADB) have applied for EC for their proposed new project "Development of Adakanahalli Industrial Area at various Sy. Nos. of Adakanahalli Village" in Nanjangud Taluk & Mysore District.

Common Effluent Treatment Plant (CETP) and Common Sewage Treatment Plant (CSTP) are proposed for treatment of Trade Effluent and domestic sewage respectively.

Project Details:

- (1) Total Plot Area: 222.75 Hectares (550 Acres);
- (2) Total requirement & source of water: Quantum not indicated. Source is Kabini River
- (3) Total power requirement: 5 MW through KPTCL and Stand by provision for DG Set 2500 KVA X 1 No.

1. Details of Project site surroundings within 15 km radius:

- Kabini River-1.5 km (SW),
- Dodadahalli Taluk-4.5 km (NW),

- Undabatto Kere -5.0 km (NW),
- Kashi Vishwanatha Swanry Temple - 3.5 km (S),
- Chamundi Hill - 8 km (N),
- Varuna Lake - 7.5 km (NE),
- Halepura Kere - 11 km (S) and
- Thandavapura - 1.5 km (W).

2. Densely Populated:

- Nanjangud - 5 km South direction,
- Thandavapura - 1.2 km west direction,
- Kadakola - 2.5 km North West direction,
- Yechagalli - 3 km West direction,
- Bokkahalli - 4 km South-East direction and
- Basavanapura - 2.5 km South direction.

The Proponent have furnished the Gazette Notification dated 22.11.2007 under Rule 28(4) of Karnataka Industrial Area Development Rules, 1956 issued by C&I Department for land to an extent of 531-03 Acres ; Gazette Notification dated 03.04.2008 under Rule 28(4) of Karnataka Industrial Area Development Rules, 1956 issued by C&I Department for land to an extent of 546-25 Acres and Gazette Notification dated 27.05.2010 under Rule 28(4) of Karnataka Industrial Area Development Rules, 1956 issued by C&I Department for land to an extent of 318-18 Acres for Acquisition for the said purpose.

Project proponent have furnished PFR & proposed ToR along with the application.

EIA Consultant presented the proposal before the Committee including the proposed ToR in the 103rd meeting of SEAC held on 17th and 18th May 2013. On observation that the land is not in possession of KIADB, the Committee suggested that the EIA should be carried out only after possession of the land as the study pertains to proposed land and EC issued only for the land in possession of KIADB. Also, the project proponent brought to the notice of the Committee that only orange & green industries are proposed to be established in the said area.

The Committee observed that the location of the proposed project site is such that it is contiguous to the existing Thandya industrial estate where granite polishing units are established. Therefore, the Committee felt the sensitivity of the ambient air quality, quality of surface & ground water and hence proposed following additional ToRs apart from general ToR and the proposed ToR,

1. Extensive study on health status of habitants in nearby villages.
2. Extensive study on meteorological data including air quality model studies.
3. Extensive water quality analysis of all bore wells in Thandya industrial estate.
4. Document for possession of land to be incorporated in the EIA.

Accordingly ToR was issued on 13.06.2013.

The proponent submitted the EIA report vide letter dated 12.01.2016.

The project proponent and NABET accredited EIA coordinator Sri. V. Vijay Kumar from M/s. Ramky Enviro Engineers Pvt. Ltd. were present in the 161st meeting of SEAC held on 28th and 29th March 2016 and presented the EIA report.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility report, EIA report, and clarification/additional information provided during the meeting. The committee observed the following points.

1. Regarding water requirement for the project, the proponent has submitted a letter from Irrigation department allocating 5 MGD water to be drawn from Kabini river near Nanjanagud, but, there is no specific mention about quantity of water allocated for this project. And also the letter was given in 1991 and latest position of availability of water is not known & the proponent has failed to explain the same. The recent letter from the irrigation department regarding availability of water is to be submitted along with the competitive users and the impact of the same.
2. The recent meteorological data has not submitted.
3. The allotment of 20 KLD/Ha for green belt is on higher which is for Irrigation purpose & for green belt it is much lower.
4. List of Industries coming in the proposed layout & their water requirement is not submitted.
5. It is informed that, for the establishment of common ETP, the inlet standards are fixed and the proponent has to put a condition for the industries establishing in the area, they have to abide to this and let out the effluents, meeting to the inlet standards fixed for CETP which can be prescribed as one of the conditions to member industries.
6. The date of collection of base line data is not mentioned in the report.
7. The Xerox copies of analysis reports are submitted.
8. In surface water analysis, the presence of Fluoride is noticed which may be verified.
9. There is Irrigation canals running in the proposed industrial layout. The proponent informed that, since, the entire area is acquired, there is no Irrigation in that area & hence canals are closed. In this regard, a letter from the Irrigation department is to be obtained & submitted.
10. During Public hearing, there was a question that, houses are abutting to the industrial area. But the proponent informed that, a minimum distance of 150 m has been maintained. The proponent has been asked to submit a letter from the village panchayat regarding distance from the industrial area to the houses.
11. Replies submitted to the public hearing is not convincing. The concerns raised by the persons during public hearing are not addressed properly.
12. Regarding additional ToR's, health studies of nearby villages is not done which may be conducted and submitted & meteorological data is collected considering SPM instead of P.M.2.5 They should have considered AAQMS protocol of 2009
13. Regarding monitoring of soil erosion, details are not given.
14. In the layout plan, the residential zone is kept on the western side of the village & it is suggested to relocate the same towards the north side which is adjoining village side.
15. There was no mention in the report regarding the protection of existing water ponds. Scheme for the same may be given

16. Land acquisition details not submitted.

The committee after discussion had decided to recall the proponent after the submission of the revised EIA report incorporating the above observations.

The proposal is therefore placed before the committee for further appraisal and decision.

The proponent has submitted a letter on 17.08.2016 requesting the committee to provide some more time to submit the information sought in the earlier meetings.

The committee perused the request made by the proponent during the 170th meeting of SEAC held on 18th, 19th and 20th August 2016 and had decided to provide one more opportunity with intimation that the proposal will be appraised based on the merit in case he remains absent and decision will be taken appropriately.

The proponent has not submitted the replies.

The proposal is therefore placed before the committee for decision.

The project proponent and NABET accredited EIA coordinator Sri. Hemanth from M/s. Ramky Enviro Engineers Pvt. Ltd. present in the meeting of SEAC to presented the EIA report.

The committee noted that, as per the new Notification No. S.O. 3999(E) dated 9th December 2016 issued by MoEF & CC, Government of India, the proposal is to be categorized as 'A' since the proposed area of the development project is more than 150 Ha.

The committee therefore decided to recommend the proposal to SEIAA to forward the proposal to MoEF & CC for further consideration of the proposal.

In the meanwhile, the KIADB have made out a request to the SEIAA vide letter dated:6-10-2017, for reconsideration of the proposal.

The authority perused the request made by the proponent and after receiving communication from MoEF & CC, decided to refer the file to SEAC for further consideration.

The proposal was placed before committee for appraisal in the 206th meeting held on 20th August 2018.

The proponent and environment consultant attended the meeting to provide required clarification/additional information. The committee noted that the application for this project was made on 16-4-2013. ToR for the same was issued on 13-6-2013. After conducting studies the proposal has come up for appraisal on 28-3-2016. Since 2016 the appraisal could not be completed for various reasons. Hence the data collected is five years old, whereas the validity for data is for three years, for this the proponent and consultant have stated that they had come prepared for appraisal well before the three years deadline which is on or before 12-6-2016 and hence requested the committee to



appraise the project based on the studies already made. The committee discussed this matter and suggested to conduct at least one month studies and he has also agreed to make comparative analytical studies between the data earlier collected and the data now proposed to be collected. In addition to this the proponent has also agreed to make comparative analysis of the baseline studies made for this project and other neighbouring projects of KIADB.

Also the concerns raised by the participants during the public hearing has not been detailed properly for which the proponent has agreed to furnish comprehensive replies. As per the NOC furnished by the village panchayath for establishment of this layout the distance between the village limits and the layout should be 300 meters but as per the details furnished and oral submissions made, the categorical commitment from the proponent for having adhered to this demand is not forthcoming. This may be detailed.

As per the health studies, the incidence of cholera, diarrhea, malaria, typhoid and other respiratory diseases were reported to have been noticed but the numbers and frequencies are not forthcoming. The same may be detailed.

Hence the committee after discussion/deliberation decided to reconsider after submission of the above information.

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

206.8 Establishment of Industrial Areas at Mummigatti Industrial Area, Mummigatti Village, Dharwad Taluk and District. 384.45 Ha (950 Acre) of CEO & Executive Member, KIADB, 14/3, 2nd Floor, Rashthrothana Parishat Building (RP), Nrupatunga Road, Bengaluru - 560 001. (SEIAA 12 IND 2013)

Project Proponent: CEO & Executive Member, KIADB
Environment Consultant: M/s. Ramky Enviro Engineers Limited

Karnataka Industrial Areas Development Board (KIADB) have applied for EC for their proposed new project" Development of Mummigatti Industrial Area at various Sy. Nos. of Mummigatti Village in Dharwad Taluk & District.

Common Effluent Treatment Plant (CETP) and Common Sewage Treatment Plant (CSTP) are proposed for treatment of Trade Effluent and domestic sewage respectively.

Project Details:

- (1) Total Plot Area: 384.45 Hectares (950 Acres);
- (2) Total requirement & source of water: 3 MLD ;Surface and Bore well Water.
- (3) Total power requirement: 3.85 MW through KPTCL.

Details of Project site surroundings within 15 km radius:

(1). Densely Populated:

- Mummigatti - Adjacent- (N),
- Chiknalligva - Adjacent (South),
- Narendra - 1.0 km North-West direction,
- Hire Mallgvad - 1.0 km South-West direction,
- Belur - 3 km North-West direction,
- Kotur - 4.0 km North-West direction,
- Mangaigatti - 4.0 km North-West direction,
- Dharwad - 7.0 km South-West direction,
- Aminbhavi - 11.0 km North-East direction and
- Uppina Betgeri - 12.0 km North-East direction.

(2). South Central Railway Station (1.0 kms)

(3) NH 4 - (Adjacent).

The Proponent have furnished the Gazette Notification dated 28.05.2010 under Rule 28(4) of Karnataka Industrial Area Development Rules, 1956 issued by C&I Department for land to an extent of 943-16 Acres for Acquisition for the said purpose.

PP have furnished PFR & proposed ToR along with the application.

EIA Consultant presented the proposal before the Committee during the 103rd meeting of SEAC held on 17th and 18th May 2013 including the proposed ToR. On observation that the land is not in possession of KIADB, the Committee suggested that the EIA should be carried out only after possession of the land as the study pertains to proposed land and EC issued only for the land in possession of KIADB.

The Committee observed that the location of the proposed project site is such that it is nearer to the existing Belur industrial estate. Therefore, the Committee seeks information on,

- a) The extent of Belur industrial area, numbers on industries allotted and on occupancy of industries which are operational.
- b) Distance to nearest wild life sanctuary
- c) Type of industries proposed to be established

Committee proposed following additional ToRs apart from general ToR and the proposed ToR,

1. Extensive study on health status of habitants in nearby villages.
2. Extensive study on meteorological data including air quality model studies.
3. Document for possession of land to be incorporated in the EIA.

Accordingly the ToR was issued vide letter dated 13.06.2013.

The proponent have submitted the Final EIA report vide letter dated 29.10.2015.

The Proponent and Environment Consultant attended the 154th meeting of SEAC held on 24th, 25th and 26th November 2015 to 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/additional information provided during the meeting. The committee observed the following points,

1. In the land use details, the total saleable land (i.e., for industrial plots, KSIIDC & for Commercial) it is shown as 60% but as per town planning act, it is 55% only. For this the proponent explained that, for residential area, the total saleable land is 55% and for industrial area it is 65% .
2. Detailed calculation of 33% green belt area not given
3. CETP is provided in industrial area though the type of industries coming in the area is not clear because different types of industries discharge different types of effluents & provision of common CETP is to be explained.
4. In the application it was mentioned that the source of water is from Malaprabha river and for this, the proponent informed that there is a dedicated line of 600 mm dia pipe to draw 22 MLD water and for this approval for allocation of water from the competent authority not submitted. But during the presentation, the proponent informed the committee that, the source of water is from bore wells, for which scientific analysis for quantity & quality is not carried out and also permission from ground water authority is not obtained.
5. Treatment plant for using rain water is not provided, for this, the proponent informed that, already, there is a treatment plant existing in the industrial area and they will utilise the same.
6. In water demand, demand for the hotel coming up in the area is not considered and also, only treated water is to be recycled & used instead of drawing fresh water. For this the proponent informed that there is 40 MLD treated water is available in Hubli municipality & usage of the same is under examination.
7. Mummigatti reserve forest is adjacent to the proposed industrial area & mitigation measures taken to protect flora & fauna is not forthcoming in the report. Also, at a distance of 1 Km, there is Forest research centre exists & a measure to protect the same is not given.
8. In the green belt area, three tier (tall, medium & shrubs) species with no. of species to be planted are to be shown.
9. Additional TOR's are not addressed in the report.

The Committee after discussion had decided to recall the proponent after submission of the following information.

1. Revised land use plan giving detailed break up
2. Examine the provision of CETP in the area
3. Scientific analysis for quantity & quality of ground water and approval from ground water authority for usage of ground water.

4. Approval from competent authority for using Malaprabha river water and the impact due to this on competent users is to be studied and submitted.
5. Revised water balance chart
6. Mitigation measures to protect flora & fauna in the adjoining forest area and nearby Forest research centre
7. Design of three tier plantation all round the boundary
8. Hydrological study of the influencing area and scheme for protection of natural nallas and tanks existing in the proposed area
9. Replies to additional TOR

The proponent was invited for the 157th meeting of SEAC held on 11th, 12th and 13th January 2016 to provide required clarification. The proponent remained absent.

The Committee had decided to provide final opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

The Proponent and the Environment Consultant attended the 158th meeting of SEAC held on 27th and 28th January 2016 to provide clarification/additional information.

The proponent informed the committee that, out of two parcels of land in the proposed project, it is proposed to give about 500 acres of land for setting up of new IIT. The proponent has been asked to reappear after obtaining the clarification regarding land giving to IIT.

The proposal is therefore placed before the committee for further appraisal and decision.

The proponent has submitted a letter on 17.08.2016 requesting the committee to provide some more time to submit the information sought in the earlier meetings.

The committee perused the request made by the proponent during the 170th meeting of SEAC held on 18th, 19th and 20th August 2016 and decided to provide one more opportunity with intimation that the proposal will be appraised based on the merit in case he remains absent and decision will be taken appropriately.

The proponent has not submitted the replies.

The proposal is therefore placed before the committee for decision.

The project proponent and NABET accredited EIA coordinator Sri. Hemanth from M/s. Ramky Enviro Engineers Pvt. Ltd. present in the meeting of SEAC to presented the EIA report.

The committee noted that, as per the new Notification No. S.O. 3999(E) dated 9th December 2016 issued by MoEF & CC, Government of India, the proposal is to be categorized as 'A' since the proposed area of the development project is more than 150 Ha.

The committee therefore decided to recommend the proposal to SEIAA to forward the proposal to MoEF & CC for further consideration of the proposal.

In the meanwhile, the KIADB have made out a request to the SEIAA vide letter dated:11-5-2018, for reconsideration of the proposal.

The authority perused the request made by the proponent and after receiving communication from MoEF & CC, decided to refer the file to SEAC for further consideration.

The proposal was placed before committee for appraisal in the 206th meeting held on 20th August 2018.

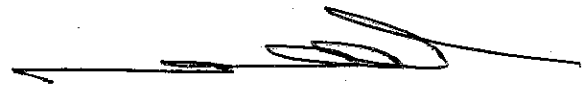
The proponent and environment consultant attended the meeting to provide required clarification/additional information. The committee noted that the application for this project was made on 15-4-2013. ToR for the same was issued on 13-6-2013. After conducting studies the proposal was received on 5-11-2015. Since 2015 the appraisal could not be completed for various reasons. Hence the data collected is five years old, whereas the validity for data is for three years only for which the proponent and consultant have stated that they had come prepared for appraisal well before the three years deadline which is on or before 12-6-2016 and hence requested the committee to appraise the project based on the studies already made. As per the health studies the incidence of cholera, dengue, Chickengunya, JE, diarrhea, malaria, typhoid etc., and other respiratory diseases were reported to have been noticed but the numbers and frequencies are not forthcoming.

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

- 1) To conduct at least one month studies and to make comparative analytical studies between the data earlier collected and the data now proposed to be collected. Also to make comparative analysis of the baseline studies made for this project and other neighbouring projects of KIADB.
- 2) The studies on health issues to be detailed with remedial measures proposed if any.
- 3) To revise the land use plan incorporating 33% for the green area.
- 4) In view of the forest research Centre nearby, to enlist the flora and fauna found in 15 kilometers radius and to propose protection measures to conserve the same.
- 5) Nature of kharab land to be detailed.
- 6) Surface hydrological study for the two nalas passing in the project area to be detailed.

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

21st August 2018
10:30 to 5:30 PM



Members present in the meeting:

Shri. N. Naganna	-	Chairman
Shri. B. Chikkappaiah, IFS(R)	-	Member
Dr. M.I. Hussain	-	Member
Shri M. Srinivasa	-	Member
Shri G.T Chandrashekharappa	-	Member
Dr. Vinodkumar C.S	-	Member
Shri. J.G. Kaveriappa	-	Member
Shri. VijayaKumar, IFS	-	Secretary

Extension of ToR

206.9 Construction of Breakwater/Guide bund adjacent to Quay of the Navigational Channel Modernisation of existing Fishing Harbour Project, Gangolli Village, Kundapur Taluk, Udupi District by Joint Director of Fisheries (SEIAA 4 IND 2015)

This proposal is for seeking Environment Clearance for construction of Breakwater/Guide bund adjacent to Quay of the Navigational Channel modernization of existing Fishing Harbour project, Gangolli Village, Kundapur Taluk, Udupi District by Joint Director of Fisheries (Fishing Harbours) Malpe, Udupi Taluk & District.

The committee during the meeting held on 9/10/11.02.2015 had decided to appraise the proposal as B1 and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines considering the impact both on marine and terrestrial environment and after duly incorporating outcome of the public consultation. According ToRs were issued vide letter dated:3-3-2015.

Now the proponent vide letter dated:5-4-2018 have requested for extension of validity of ToR. The Authority perused the request made by the proponent and decided to forward to SEAC to send recommendation deemed fit based on merit.

The proposal was placed in the 206th meeting held on 20th & 21st August 2018.

The committee noted that the ToR for the project was issued on 3-3-2015. Since the studies made were three years old in order to ascertain the changes that might have happened in the intervening period it is advisable to have trend analysis of the data for which at least one month data is necessary to be conducted now.

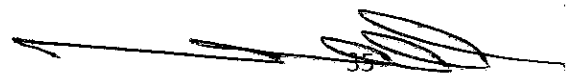
Hence the committee decided to recommend for issuance of extension of ToRs with a condition to collect at least one month data for comparative studies.

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

Deferred Subjects:

206.10 Proposed Expansion of Bulk Drugs & Intermediates Products Unit Project at Plot No.79/A of Kolhar&Nizampur Village, Bidar Taluk & District ByM/s. P.R. DRUGS PVT. LTD. (SEIAA 23 IND (VIOL) 2018)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Name: V.H.N. KISHORE BABU (Director) Plot No.688, 1st Floor, Vasanth Nagar Colony, Hyderabad, Telanagana-500085
2	Name & Location of the Project	M/S. P R DRUGS PVT LTD PLOT.NO.79/A, Kolhar Industrial Area, KIADB, BIDAR, KARNATAKA- 585403.
3	Co-ordinates of the Project Site	Latitude 17°54'37.80"N Longitude 77°27'9.84"E
4	Environmental Sensitivity	
	a.	Distance From nearest Lake/ River/ Nala Karanja Dam 13.67, SW
	b.	Distance from Protected area notified under wildlife protection act No
	c.	Distance from the interstate boundary Telangana- Karnataka 11.8Km (Aerial).
	d.	whether located in critically / severally polluted area as per the CPCB norms No Notified/Recognized polluted area within 15km distance (Aerial).
5	Type of Development as per schedule of EIA Notification, 2006 with relevant serial number	5(f), Category 'B' It is an Existing project falls, under category B1 but as per MoEF & CC Notification amended on 14 th March 2017 even category B projects shall be appraised for grant of Environmental Clearance only by Violation Expert Appraisal Committee & Environmental Clearance will be granted by MoEF &CC. and uploaded to MoEF Portal, vide proposal no. IA/KA/IND2/66862/2017, dated 21.07.2017. Now, As per MOEF&CC gazette notification no. S.O.804 (E) dated 14th March, 2017 and its subsequent amended gazette Notification No. S.O.1030 (E) dated 8th March 2018 and OM F. No. Z-11013/22/2017-IA.II (M) dated 15th March 2018 & 16th March 2018, MoEF directed to appraise in SEAC/SEIAA. Now, PR Drugs applying at Karnataka -SEIAA under B1 Category.
6	New/ Expansion/ Modification/	Expansion



	Product mix change																																				
7	Plot Area (Sq m)		7072 sq m (1.75Acres)																																		
8	Built Up area (Sq m)		748 (Existing-694.50 & Proposed-54), Ground Coverage Area																																		
9	Component of developments		Existing Capacity: 96 MTA New Addition: 336 MTA Total capacity after proposed expansion: 432 MTA Details given in Form-I Pt. No. 5 Proposed construction: MEE Plant.																																		
10	Project cost (Rs. In Crores)		INR 4 Crores																																		
11	Details of Land Use (Sq m)																																				
	a.	Ground Coverage Area	748 (Existing-694.50 & Proposed-54)																																		
	b.	Kharab Land	Nil																																		
	c.	Internal Roads	Existing -1239.40 Sq. m & Proposed - Nil.																																		
	d.	Paved area																																			
	e.	Parking	NA																																		
	f.	Green belt	2655 (Existing - 2655 Sq. m & Proposed - Nil)																																		
	g.	Others Specify	Vacant land (2385.1)																																		
	h.	Total	7072 sq m (1.75Acres)																																		
	Products and By- Products with quantity (enclose as Annexure if necessary)		Existing Capacity:96 MTA New Addition:336MTA Total capacity after proposed expansion:432MTA Details given in Form-I Pt. No. 5																																		
12	<table border="1"> <thead> <tr> <th rowspan="2">S. No</th> <th rowspan="2">Products Name</th> <th colspan="2">Capacity (MTPA)</th> </tr> <tr> <th>Existing</th> <th>Proposed</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>3,5-Dimethyl-4-nitropyridine N-oxide</td> <td>48</td> <td>240</td> </tr> <tr> <td>2</td> <td>3 Hydroxy Acetophenone</td> <td>48</td> <td>48</td> </tr> <tr> <td>3</td> <td>2-Chloromethyl-3, 5-dimethyl-4-methoxy pyridine hydrochloride</td> <td>0</td> <td>18</td> </tr> <tr> <td>4</td> <td>5-Methoxy-2-[[[4-methoxy-3, 5-dimethyl-2-pyridinyl) methyl] thio]-1H-benzimidazole</td> <td>0</td> <td>18</td> </tr> <tr> <td>5</td> <td>2, 3-Dimethyl-4-nitro pyridine N-Oxide</td> <td>0</td> <td>18</td> </tr> <tr> <td>6</td> <td>2-Hydroxy methyl-3-methyl-4-(2,2,2-trifluoro ethoxy)pyridine hydrochloride</td> <td>0</td> <td>18</td> </tr> <tr> <td>7</td> <td>2-[[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl]-methyl]thio]-1H-benzimidazole</td> <td>0</td> <td>18</td> </tr> </tbody> </table>			S. No	Products Name	Capacity (MTPA)		Existing	Proposed	1	3,5-Dimethyl-4-nitropyridine N-oxide	48	240	2	3 Hydroxy Acetophenone	48	48	3	2-Chloromethyl-3, 5-dimethyl-4-methoxy pyridine hydrochloride	0	18	4	5-Methoxy-2-[[[4-methoxy-3, 5-dimethyl-2-pyridinyl) methyl] thio]-1H-benzimidazole	0	18	5	2, 3-Dimethyl-4-nitro pyridine N-Oxide	0	18	6	2-Hydroxy methyl-3-methyl-4-(2,2,2-trifluoro ethoxy)pyridine hydrochloride	0	18	7	2-[[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl]-methyl]thio]-1H-benzimidazole	0	18
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7	2-[[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridyl]-methyl]thio]-1H-benzimidazole	0	18																																		

8	3-Methoxy-2-methylpyridin-4(1H)-one	0	18
9	4-Chloro-3-methoxy-2-methylpyridine	0	18
10	4-Chloro-3-methoxy-2-methylpyridine-N-Oxide	0	18
Total		96	432

Raw material with quantity and their source (enclose as Annexure if necessary)

Raw materials requirement proposed products are given in Chapter-3, section 3.7 & Table 3-2 of PFR.

S. No	Raw Materials	Quantity (Kg/M)			Physical State	Sourcing	Mode of storage	Storage quantity	Mode of Transport
		Existing	Additional	Total					
1.	2,2,2-Trifluoro ethanol	-	1680	1680	Liquid	Indigenous	Drums	2 Mt	By Road
2.	2,3-Dimethyl-4-nitropyridine N-oxide	-	1680	1680	Solid	Indigenous	Hdpe Bags	2 Mt	By Road
3.	2,3-Lutidine	-	1275	1275	Liquid	Indigenous	Drums	2 Mt	By Road
4.	2-Chloro methyl-3,5-dimethyl-4-methoxy pyridine hydrochloride	-	1170	1170	Solid	Indigenous	Bags	1 Mt	By Road
5.	2-Chloromethyl-3-methyl-4-(2,2,2-trifluoroethoxy) pyridine HCl [Lanso-Chloro]	-	1185	1185	Solid	Indigenous	Bags	1 Mt	By Road
6.	2-Mercapto-1H-benzimidazole	-	705	705	Solid	Indigenous	Bags	1 Mt	By Road
7.	2-Mercapto-5-methoxy benzimidazole	-	930	930	Solid	Indigenous	Bags	1 Mt	By Road
8.	3 AMINO ACETOPHENONE	-	4500	4500	Solid	Indigenous	Bags	1 Mt	By Road
9.	3 NITRO ACETOPHENONE	-	5500	5500	Solid	Indigenous	Bags	1 Mt	By Road
10.	3,5-Dimethyl-4-nitropyridine N-oxide	-	1638	1638	Solid	Indigenous	Bags	1 Mt	By Road
11.	3,5-Dimethylpyridine	4260	12780	17040	Liquid	Indigenous	Drum	2 Mt	By Road
12.	3-Hydroxy-2-methyl-4H-pyran-4-one [Maltol]	-	1620	1620	Liquid	Indigenous	Drums	2 Mt	By Road
13.	3-Methoxy-2-methylpyridin-4(1H)-one	-	1380	1380	Solid	Indigenous	Bags	1 Mt	By Road
14.	5-Difluoromethoxy)-2-((3,4dimethoxy-pyridin-2-yl)methylthio)-1H-benzimidazole	-	2130	2130	Solid	Indigenous	Bags	1 Mt	By Road
15.	Acetic acid	3400	13293	16693	Liquid	Indigenous	Drums	2.5 Mt	By Road
16.	Acetic anhydride	-	5055	5055	Liquid	Indigenous	Drums	2 Mt	By Road
17.	Acetone	-	13335	13335	Liquid	Indigenous	Tank	10 Kl	By Road
18.	Acetophenone	-	5000	5000	Solid	Indigenous	Bags	1 Mt	By Road
19.	Activated carbon	-	405	405	Solid	Indigenous	Bags	1 Mt	By Road
20.	Ammonium acetate	-	3570	3570	Solid	Indigenous	Bags	1 Mt	By Road
21.	Ammonium per sulphate	-	2358	2358	Solid	Indigenous	Bags	1 Mt	By Road
22.	Anhydrous ammonia	9360	31620	40980	Gas	Indigenous	Cylinder	2 Mt	By Road
23.	Anhydrous sodium sulphate	-	330	330	Solid	Indigenous	Bags	1 Mt	By Road
24.	Chloroform	-	13875	13875	Liquid	Indigenous	Drums	1 Mt	By Road
25.	Dimethyl formamide	-	48	48	Liquid	Indigenous	Drums	.5 Mt	By Road
26.	Dimethyl sulphate	-	3105	3105	Liquid	Indigenous	Drums	1 Mt	By Road
27.	Ethyl acetate	-	6660	6660	Liquid	Indigenous	Tank	1 Mt	By Road
28.	Hydrogen peroxide	3860	13185	17045	Liquid	Indigenous	Tank	1 Mt	By Road
29.	Isopropyl alcohol	-	5280	5280	Liquid	Indigenous	Drums	1 Mt	By Road
30.	Isopropyl alcohol HCl	-	1395	1395	Liquid	Indigenous	Drums	1 Mt	By Road
31.	Liquor ammonia	40	1140	1180	Liquid	Indigenous	Drums	1 Mt	By Road

13

32.	Methanol	900	24630	25530	Liquid	Indigeneous	Drums	2 Mt	By Road
33.	Methyl isobutyl ketone	-	7815	7815	Liquid	Indigeneous	Drums	1 Mt	By Road
34.	Methylene dichloride	-	40230	40230	Liquid	Indigeneous	Drums	2 Mt	By Road
35.	Nitric acid	10300	34200	44500	Liquid	Indigeneous	Tank	20 Mt	By Road
36.	Nitric acid (70%)	-	3210	3210	Liquid	Indigeneous	Drums	1 Mt	By Road
37.	Phosphorus oxychloride	-	2715	2715	Solid	Indigeneous	Bags	1 Mt	By Road
38.	Potassium carbonate	-	3225	3225	Solid	Indigeneous	Bags	1 Mt	By Road
39.	Sodium chloride	-	645	645	Solid	Indigeneous	Bags	1 Mt	By Road
40.	SODIUM HYDEROGEN SULPHIDE	-	8750	8750	Solid	Indigeneous	Bags	1 Mt	By Road
41.	Sodium hydroxide	-	6810	6810	Solid	Indigeneous	Bags	1 Mt	By Road
42.	Sodium hypochlorite	-	6060	6060	Liquid	Indigeneous	Bags/Drums	1 Mt	By Road
43.	Sodium methoxide solution	-	2208	2208	Liquid	Indigeneous	Drums	3 Mt	By Road
44.	SODIUM NITRATE	-	2000	2000	Solid	Indigeneous	Bags	3 Mt	By Road
45.	Sulphuric acid	19700	93535	113235	Liquid	Indigeneous	Tank	20 Kl	By Raod
46.	Tetra butyl ammonium bromide	-	165	165	Solid	Indigeneous	Bags	1 Mt	By Road
47.	Thionyl chloride	-	1080	1080	Liquid	Indigeneous	Drums	5 Kl	By Road
48.	Toluene	-	28173	28173	Liquid	Indigeneous	Ss Tank	20 Kl	By Road
	Grand Total	51820	423278	475098					

14	Mode of transportation of Raw material and storage facility	The raw materials and finished products will be transported by road. All chemical used in the process are stored in a designated area with proper labels in warehouse. Details provided in Form-I (II. Activity, Point 1.14)
15	Transportation and storage facility for coal / Bio-fuel in case of thermal power plant	Not applicable
16	Fly ash production, storage and disposal details whereas coal is used as fuel	Total Coal 4.8 TPD. Fly ash: 1.344 TPD & 0.336 Bottom ash. Will be sent to Brick manufacturer.
17	Complete process flow diagram and technology employed	Detailed process description and process flow are enclosed in Annexure 3.
18	Details of Plant and Machinery with capacity/ Technology used	Plant Machinery details provided in Pre-Feasibility Report Chapter 4, Section 4.4.
19	Details of VOC emission and control measures wherever applicable	Details of emissions and control measures are enclosed in Chapter-3, section 3.14 of PFR.
20	WATER	
	I. Construction Phase	
	a. Source of water	Nil
	b. Quantity of water for Construction in KLD	Nil
	c. Quantity of water for Domestic Purpose in KLD	Nil
	d. Waste water generation in KLD	Nil

e.	Treatment facility proposed and scheme of disposal of treated water	Nil	
II	Operational Phase		
a.	Source of water	Private Tankers	
b.	Total Requirement of Water in KLD	Fresh	9.0
		Recycled	7.10
		Total	16.1
c.	Requirement of water for industrial purpose / production in KLD	Fresh	5.76
		Recycled	4.75
		Total	10.51
d.	Requirement of water for domestic purpose in KLD	Fresh	3.24
		Recycled	10
		Total	3.24
e.	Waste water generation in KLD	Industrial effluent	7.8
		Domestic sewage	2.6
		Total	10.4
f.	ETP/ STP capacity	Effluent shall be treated in existing system and proposed ETP. Treated effluent shall be recycled/reused to the extent and remaining shall be disposed on land for gardening within premises. There will be no discharge of effluent outside factory premises; The unit shall be zero liquid discharge. No STP, sewage will be sent to septic tank followed by soak pit.	
g.	Technology employed for Treatment	ZLD	
h.	Scheme of disposal of excess treated water if any	Treated water recycled. Solid will be sent to TSDF	
21	Infrastructure for Rain water harvesting	Will Provide in EIA Report	
22	Storm water management plan	Will Provide in EIA Report	
23	Air Pollution		
a.	Sources of Air pollution	Reactors, Distillation process, Boilers, Fugitive vapours from reactors, centrifuges and at discharges of vessel contents, etc. and D.G. sets. Details provided in PFR Sec. 3.14.	
		Acetic Acid vapour, SO ₂ emission, NO _x fugitive & HCL Vapours, HCL fumes and Fugitive emission with organic vapour. Details provided in PFR Sec. 3.14.	
		Stacks as per CPCB guideline. Details provided in PFR Sec. 3.14.	
24	Noise Pollution		
a.	Sources of Noise pollution	DG sets and Boilers	
		Expected levels of Noise pollution in dB	App., 70 to 75 dB(A)

	c.	Noise pollution control measures proposed	Sound acoustic and Noise insulators					
25	WASTE MANAGEMENT							
	I.	Operational Phase						
	a.	Quantity of Solid waste generated per day and their disposal	Biodegradable (kg/d)		19.2			
			Non- Biodegradable (kg/d)		20.8			
	b.	Quantity of Hazardous Waste generation with source and mode of Disposal as per norms	HWM details are provided in chapter-3, section 3.15 ,Table 3-8 of PFR					
	c.	Quantity of E waste generation with source and mode of Disposal as per norms	NA					
26	Risk Assessment and disaster management		Will be provided in EIA.					
27	POWER							
	a.	Total Power Requirement in the Operational Phase with source	S.N	Description	Existing Capacity	Proposed Capacity	Total Capacity	Source
			1	Power requirement	200KVA	200KVA	400KVA	GESCOM
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	S.N	Description	Existing Capacity	Proposed Qty Capacity	Total Qty Capacity	Qty
			1	D.Gset	125KVA	1 125KVA	1 250KVA	2
	c.	Details of Fuel used with purpose such as boilers, DG, Furnace, TFH, Incinerator Set etc.,	S.N	Description	Existing Capacity	Proposed Capacity	Total Capacity	Source
			1	Diesel requirement	Approx 500 L/mon	Approx 500 L/mon	Approx 1000 L/mon	HP
			2	Boiler Fuel-Coal (Mt/ day)	1.92	2.88	4.8	Sai baba enterprises, Hyderabad,
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	NA					
28	PARKING							
	a.	Parking Requirement as per norms	Parking will provide as per norms					
	b.	Internal Road width (RoW)						
29	Any other information specific to the project (Specify)		No					

M/s. P.R Drugs Pvt Ltd., is existing industry and engaged in manufacture of bulk drugs and intermediates. The project falls under schedule 5(f), synthetic

Organic chemicals under category B. The present proposal is for expansion. Since the industry was operating without E.C, it comes under violation category.

The proposal is placed before the committee for appraisal. The Proponent and Environment Consultant attended the 199th meeting held on 1st & 2nd June 2018 to provide clarification/additional information.

During the appraisal, the proponent has stated that he will make out a request letter to the authority to exempt the project from violation category and requested for some time.

Hence the committee after discussion/deliberation decided to defer the subject.

The proponent was invited for the 206th meeting held on 20th & 21st August 2018 to provide required information. The proponent remained absent. Hence the committee decided to give one more opportunity and deferred the subject.

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

206.11 Proposed Residential Apartment Project at Sy.No.48/2A, 49/1, 49/2A, 49/2B and 51/1, Avalahalli Village, YelahankaHobli, Bangalore North Taluk, Bangalore District by M/s. Ramky Estates & Farms Ltd(SEIAA 95 CON (VIOL) 2018)

Sl. No	Particulars	Information
1	Name & Address of the Project Proponent	Ramky Estate and Farms Private Limited, "Ramky House", Site No. 25-30, 2nd Cross, Raghavendranagar, Hennur Ring Road, Kalyan Nagar (Post), Bangalore - 560 043.
2	Name & Location of the Project	Proposed "Residential Apartment Project" was developed at Sy Nos. 48/2A, 49/1, 49/2A, 49/2B and 51/1, Avalahalli Village, YelahankaHobli, Bangalore North Taluk, Bangalore District, Karnataka
3	Co-ordinates of the Project Site	Geographic location of site is latitude 13° 8'9.77" N and longitude 77°34'14.85" E. 13° 08'09.40"N 77°34'08.80"E 13° 08'13.70"N 77°34'14.40"E 13° 08'12.50"N 77°34'19.40"E 13° 08'10.50"N 77°34'16.50"E 13° 08'06.10"N 77°34'15.10"E

		13° 08'07.40"N 77°34'09.30"E
4	Environmental Sensitivity	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Rajakaluve, Nala etc.)
		<p>Lake</p> <p>YelahankaKere - 2.5 km SE</p> <p>JakkuruKere - 5.9 km SE</p> <p>KodigehalliKere - 7.6 km S</p> <p>Hesarghatta Tank - 8.6 km W</p> <p>KodaturuKere - 8.8 km NW</p> <p>RachenahalliKere - 9.5 km SE</p> <p>HebbalKere - 9.7 km S</p> <p>AradeshanahalliKere - 10.2 km N</p> <p>DoddaTumukurKere - 10.4 km NW</p> <p>NagavaraKere - 10.7 km SE</p> <p>Rivers</p> <p>Arkavati River - 14.3 km SW</p> <p>Forest</p> <p>Jarakabande RF - 2.4, 3.4 and 8.2 km SW</p> <p>Narasipura RF - 10.8 km SW</p> <p>Govindapura RF - 11.7 km W</p> <p>Madhure RF - 12.1 km NW</p> <p>Marasandra RF - 12.5 km SE</p> <p>Yaratiganahalli RF - 13.6 km NE</p>
	b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.
		No water body is located in the vicinity of the project site.
5	Type of Development	
	a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other
		Residential Apartment
	b.	Residential Township/ Area Development Projects
		--
6	Plot Area (Sqm)	29,390.3 Sq.m
7	Built Up area (Sqm)	1,09,904.2 Sq.m.

8	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	5 Blocks and 2 Club Houses Block A, B and C Basement+ Ground + 13 Floors Block D and E Basement+ Ground + 4 Floors Club House 1 Basement+ Ground + 2 Floors Club House 2 Basement+ Ground + 1 Floor	
9	Number of units in case of Construction Projects	5 Blocks consisting of 754 Units and 2 club houses.	
10	Number of Plots in case of Residential Township/ Area Development Projects	--	
11	Project Cost (Rs. In Crores)	Rs. 172.76 Crores	
12	Recreational Area in case of Residential Projects / Townships	--	
13	Details of Land Use (Sqm)		
	a.	Ground Coverage Area	10873.2 Sq.m
	b.	Kharab Land	---
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	Green cover: 3903.7 Sq.m
	d.	Internal Roads	-
	e.	Paved area	-
	f.	Others Specify	Other/Open spaces : 14613.4 Sq.m
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	--
	h.	Total	29390.3 Sqm
14	Details of demolition debris and / or Excavated earth		
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	--
	b.	Total quantity of Excavated earth (in cubic meter)	--
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	--

	d.	Excess excavated earth (in cubic meter)	--						
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	--						
15	Water								
	Operational Phase								
	a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>339 KLD</td> </tr> <tr> <td>Recycled</td> <td>176 KLD</td> </tr> <tr> <td>Total</td> <td>515 KLD</td> </tr> </table>	Fresh	339 KLD	Recycled	176 KLD	Total	515 KLD
Fresh	339 KLD								
Recycled	176 KLD								
Total	515 KLD								
	b.	Source of water	BWSSB supply						
	c.	Waste water generation in KLD	475 KLD						
	d.	STP capacity	525 KLD						
	e.	Technology employed for Treatment	MBBR technology						
	f.	Scheme of disposal of excess treated water if any	Excess treated water will be given to nearby farmers for irrigation/ sent to nearest sewer line.						
16	Infrastructure for Rain water harvesting								
	a.	Capacity of sump tank to store Roof run off	2X100 cum (one working and one standby)						
	b.	No's of Ground water recharge pits	32 no's with 5 cum capacity						
17	Storm water management plan		Rainwater from rooftop will be collected in rain water harvesting/storage tank and fire-fighting water sump through a pipe network and after necessary treatment will be reused within their premises. Excess water from the rainwater harvesting tank and runoff from roads and open areas will be diverted to rainwater recharge pits located all along the storm water drains for ground water recharge. If any excess storm water will be diverted to storm water collection sump.						
18	WASTE MANAGEMENT								
	I. Construction Phase								
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	--						
	II. Operational Phase								
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	914 kg/day organic solid waste generated will be processed in the organic converter within the site.						
	b.	Quantity of Non- Biodegradable	609 kg/day, inorganic solid waste will be						

	waste generation and mode of Disposal as per norms	disposed as per MSW Rules 2016.
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Operation Phase: Used oil: 200 liters/year will be sent to authorized CHWMF Lead acid batteries: 6 no's/year will be returned back to supplier
d.	Quantity of E waste generation and mode of Disposal as per norms	--
19	Power	
a.	Total Power Requirement - Operational Phase	4000 kVA
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	4X250 kVA and 2X125 kVA
c.	Details of Fuel used for DG Set	Fuel for DG sets: HSD (low Sulphur) of 50 lph per 250 kVA and 25 lph per 125 kVA DG set. Fuel source: The HSD fuel will be sourced from the local traders.
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Solar energy appliances have been proposed for solar hot water systems, landscape lighting, building and street lighting
20	Parking	
a.	Parking Requirement as per norms	Around 830 parking spaces have been provided including 174 in stilt and 656 in basement.
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	-
c.	Internal Road width (RoW)	9 m width

The proposal was placed before the 201st meeting held on 29th & 30th June 2018 for appraisal.

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

The committee noted that earlier an EC was issued during the year 2011 covering the area of 24,762.52 sqmts spread over Sy. No. 48/2A, 49/1, 49/2A, 49/2B. The project was in three blocks with 1B+GF+14UF with a built up area of 63,328.29 sqmts. Earlier to this, CFE was obtained by KSPCB for a built up area of 86,813 sqmts in the year 2010. The proponent has gone ahead with construction as per CFE without obtaining modified EC. Further the proponent has stated that he has acquired land of

area one acre five guntas in the adjacent survey number 51/1 and has obtained CFE from KSPCB for a built up area of 18,845.5 sqmts treating this acquired portion as a stand alone project. Further it was noticed that the proponent has not obtained amalgamated (merged) khata for the entire area for which the proponent has stated that he will obtain amalgamated khata and come for appraisal later on.

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

The proposal was placed before the 206th meeting held on 21st August 2018. The proponent remained absent. The committee opined that the proponent has failed to produce the amalgamated khata and in the absence of which the appraisal could not be taken up.

In the meantime, the proponent has requested through a letter to grant him some more time. However, the committee felt that this file should be closed since there was inordinate delay in the submission of the details and decided to recommend the file for closure.

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

- 206.12 Proposed Development of Commercial Building - IT/ITES office Space at Sy.No.8/1A & 8/1B1, Bytarayanapura Village, YelahankaHobli, Bengaluru North Taluk, Bengaluru by M/s. K.N Realty Ventures Pvt., Ltd (SEIAA 108 CON 2018)

Sl. No.	PARTICULARS	INFORMATION
1.	Name & Address of the Project Proponent	Mr. Neelappagouda Patil Authorized Signatory, M/s. KN Realty Ventures Private Limited, 8th Floor, Delta Building, Sigma Tech Park, Ramagondanahalli, Whitefield, Bengaluru -560066
2.	Name & Location of the Project	Development of Commercial building - IT/ITES Office Space Sy. No. 8/1A & 8/1B1, Bytarayanapura Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru
3.	Co-ordinates of the Project Site	Latitude : 13 Deg 04 Min 18.38 Sec N Longitude : 77 Deg 35 Min 39.20 Sec E
4.	ENVIRONMENTAL SENSITIVITY	
	a.	Distance from periphery of nearest Lake and other water bodies (Lake, Amruthahalli lake is at distance of about 1.1 km from the project site.

	Rajakaluve, Nala etc.)	
b.	Type of water body at the vicinity of the project site and Details of Buffer provided as per NGT Direction in O.A 222 of 2014 dated 04.05.2016, if Applicable.	--
5.	TYPE OF DEVELOPMENT	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Commercial building - IT/ITES Office Space
b.	Residential Township/ Area Development Projects	NA
6.	Plot Area (Sqm)	5,463.21 Sqm
7.	Built Up area (Sqm)	36,952.20 Sqm
8.	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Proposed project is Commercial Development - IT/ITES Office Space sprawled across 3B+G+8UF.
9.	Number of units in case of Construction Projects	NA
10.	Number of Plots in case of Residential Township/ Area Development Projects	NA
11.	Project Cost (Rs. In Crores)	Rs. 37 Crores
12.	Recreational Area in case of Residential Projects / Townships	-
13.	DETAILS OF LAND USE (SQM)	
a.	Ground Coverage Area	2,203.93 Sqm
b.	Kharab Land	-
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1,212.75 Sqm
d.	Internal Roads	2,046.53 Sqm
e.	Paved area	-
f.	Others Specify	-
g.	Parks and Open space in case of Residential	-

	Township/ Development Projects	Area		
	h.	Total	5,463.21Sqm	
14.	DETAILS OF DEMOLITION DEBRIS AND / OR EXCAVATED EARTH			
	a.	Details of Debris (in cubic meter/MT) if it involves Demolition of existing structure and Plan for re use as per Construction and Demolition waste management Rules 2016, If Applicable	There is no demolition work	
	b.	Total quantity of Excavated earth (in cubic meter)	15,428 m ³	
	c.	Quantity of Excavated earth propose to be used in the Project site (in cubic meter)	5,880 m ³	
	d.	Excess excavated earth (in cubic meter)	9,548 m ³	
	e.	Plan for scientific disposal of excess excavated earth along with Coordinate of the site proposed for such disposal	Excess earth will be used for Brick manufacturing Which will be used within the site	
15.	WATER			
	I.	Construction Phase		
	a.	Source of water	BWSSB	
	b.	Quantity of water for Construction in KLD	18 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	4.5 KLD	
	d.	Waste water generation in KLD	4.3 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Domestic sewage generated during construction phase will be discharged to UGD.	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh 47 KLD Recycled 38 KLD Total 85 KLD	
		b.	Source of water	BWSSB
		c.	Waste water generation in KLD	81KLD
	d.	STP capacity	85 KLD	

	e.	Technology employed for Treatment	Sequential Batch Reactor (SBR) Technology
	f.	Scheme of disposal of excess treated water if any	Treated water of 38 KLD will be used for flushing, 10 KLD shall be used for gardening, 3 KLD shall be used for Floor washing and remaining 30 KLD will be used for HVAC
16.	INFRASTRUCTURE FOR RAINWATER HARVESTING		
	a.	Capacity of sump tank to store Roof run off	60 m ³
	b.	No's of Ground water recharge pits	16 Nos.
17.	Storm water management plan		Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed in to the external storm water drain.
18.	WASTE MANAGEMENT		
	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	The domestic solid wastes will be minimal as there is no provision of labor colony; the generated domestic solid waste will be handed over to local vendors. Construction debris -37 m ³ This will be reused within the site for road and pavement formation
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	182kg/ day This will be segregated at household levels and will be processed in proposed organic waste converter.
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	272 kg/day Recyclable wastes will be handed over to authorized waste recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste Oil Generation : 0.729L/ running hour of DG Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers.
	d.	Quantity of E waste generation waste generation and mode of Disposal as per norms	E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing.
19.	POWER		
	a.	Total Power Requirement - Operational Phase	1,250 kW
	b.	Numbers of DG set and capacity in KVA for	500 kVA - 3 Nos.

	Standby Power Supply																													
c.	Details of Fuel used for DG Set	314.28 L/hr																												
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Energy savings achieved on common area & services will be 26%																												
20.	PARKING																													
a.	Parking Requirement as per norms	355 Nos.																												
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	<table border="1"> <thead> <tr> <th>Road</th> <th>Towards</th> <th>Existing traffic (LOS)</th> <th>Projected for next three years after adding generated traffic (LOS)</th> <th>Scenerio-1 after commuter Rail</th> <th>Scenerio-2 after Metro rail</th> </tr> </thead> <tbody> <tr> <td rowspan="2">Bangalore city</td> <td>MCW</td> <td>C</td> <td>C</td> <td>C</td> <td>B</td> </tr> <tr> <td>SR</td> <td>C</td> <td>C</td> <td>C</td> <td>B</td> </tr> <tr> <td rowspan="2">Airport</td> <td>MCW</td> <td>C</td> <td>C</td> <td>C</td> <td>B</td> </tr> <tr> <td>SR</td> <td>B</td> <td>B</td> <td>C</td> <td>A or B</td> </tr> </tbody> </table>	Road	Towards	Existing traffic (LOS)	Projected for next three years after adding generated traffic (LOS)	Scenerio-1 after commuter Rail	Scenerio-2 after Metro rail	Bangalore city	MCW	C	C	C	B	SR	C	C	C	B	Airport	MCW	C	C	C	B	SR	B	B	C	A or B
		Road	Towards	Existing traffic (LOS)	Projected for next three years after adding generated traffic (LOS)	Scenerio-1 after commuter Rail	Scenerio-2 after Metro rail																							
		Bangalore city	MCW	C	C	C	B																							
			SR	C	C	C	B																							
Airport	MCW	C	C	C	B																									
	SR	B	B	C	A or B																									
c.	Internal Road width (RoW)	8m																												

The proposal was placed before the committee for appraisal.

The Proponent and Environment Consultant attended 203th meeting held on 27-7-2018 to provide clarification/additional information.

The committee noticed some discrepancies about the extent of kharab land and also land boundaries. The proponent has agreed to come before the committee after rectifying these discrepancies.

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

The proposal was placed before the 206th meeting held on 21st August 2018 to provide required clarification/information. The proponent and environment consultant attended the meeting.

The committee noted that as per the village survey map there appears to be a tertiary nala on the northern boundary of the site for which the proponent has stated that it is not a tertiary nala but it is a raincut furrow since it originates in the same survey number and terminates in the neighbouring survey number. In support of his claim the proponent has produced a letter from Storm Water Drain authorities of BBMP stating that there is no nala existing in this project area and has opined that it attracts no buffer zone as per NGT order. As per the land conversion order, this kharab has been classified as raincut furrow(saravu) and cart track. On the basis of the above facts, the proponent has stated that he has treated this kharab as raincut furrow and has left no buffer zone.

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

1. The proponent to rework on excess excavated earth and submit the details for utilization within the site.
2. The proponent to conduct energy audit by an accredited agency before operation of the project in accordance with the Bureau of Energy Efficiency.
3. 5 to 10 % 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.

Fresh Subjects:

206.13 Proposed "Sand Quarry" at Chikkamulangi Sand Block - 01 over an extent of 23-00 acres in Adjacent to Sy.No.1,4,5,7,8,28,29& 30 of Chikkamulangi Village, Ramdurga - Taluk, Belagavi - District by M/s. Mahadevappa Kumbar(SEIAA 46 MIN 2018).

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Mahadevappa Kumbar, S/o Basappa, #246, Near Maruthi Temple Surkod, Surkod Gadag District Karnataka-582207.
2	Name & Location of the Project	"Sand Quarry" at Chikkamulangi Sand Block - 01 over an extent of 23-00 acres in Adjacent to Sy. No. 1, 4, 5, 7, 8, 28, 29 & 30 of Chikkamulangi Village, Ramdurg - Taluk, Belagavi - District, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15° 55' 09.3" to N 15° 55' 06.6" Longitude: E75° 23' 53.06 to E75° 23' 52.95"
4	Type of Mineral	Sand Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government Revenue Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	9.30 Ha

9	Actual Depth of sand in the lease area in case of River sand	2.01m
10	Depth of Sand proposed to be removed	1.00m
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	Our Production Capacity is 1,26,911.36 TPA which is less than sediment yield per annum.
12	Measurements of the existing quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand	The depth of mining shall be restricted to 1.00 m/ water level, whichever is less.
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	1,26,911.36 Tons/annum
14	Quantity of Topsoil/Over burden in cubic meter	It is a River Sand Quarry
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	14,101.26 Tons/annum
16	Project Cost (Rs. In Crores)	1.03 crores
17	Environmental Sensitivity	
	a. Nearest Forest	None Within 5 kms
	b. Nearest Human Habitation	Chikkamulangi Village - 200ms(N)
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Ramdurga.
	d. Water Bodies	This is a river sand mining project. The site is in Malaprabha River Bed
	e. Other Specify	--
18	Applicability of General Condition of the EIA Notification, 2006	
19	Details of Land Use in Ha	
	a. Area for Mining/ Quarrying	8.198
	b. Waste Dumping Area	--
	c. Top Soil Storage Area	--
	d. Mineral Storage Area	--
	e. Infrastructure Area	--
	f. Road Area	--
	g. Green Belt Area/Buffer Zone	1.102
	h. Unexplored area	--
	i. Others Specify	--
20	Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation
21	Rate of Replenishment in case River sand project	Quarry plan is Enclosed

22	Water Requirement			
	a.	Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b.	Total Requirement of Water in KLD	Dust Suppression	4.5 KLD
			Domestic	0.54 KLD
			Other	1.46 KLD
			Total	6.5 KLD
23	Storm water management plan		River course will not be altered hence no storm water management plan is required	

The proposal was placed before the committee for appraisal.

The proponent and environment consultant attended the 206th meeting held on 21st August 2018 to provide required clarification/additional information.

The committee noted that this proposal is for sand mining in the river bed. The average width of the river is 107 meters and the average width of the block is 81 meters leaving 12 meter buffer from the bank of the river on the northern side and 14 meter buffer on the southern side. The average RL dry weather flow is 552.8 meter and average top level of the sand block is 554 meter. The depth of mining proposed is one meter and hence the bottom of the mining pit will be on an average 0.2 meter above the dry weather flow. The proponent has stated that he will mine to a depth of every year and mining in the subsequent years after first year will be taken up only after full replenishment and hence the depth of mining will not be more than one meter at any point of time.

The stock yard has been proposed on a private land at a distance of 30 meters for which the proponent has entered into an MOU with the land owners. The proponent has stated that there is a cart road already existing connecting the river bank and stock yard and to the MDR at a distance of 350 meter. Though this cart track road is not reflected in the village survey map it is being used for a long time and hence the right of way has been established.

The DMG has given a combined sketch stating that there are no other lease within the 500 meter from this quarry. It is envisaged with a production plan of 1,26,911.36 TPA with mining lease period of five years.

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

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

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

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

206.14 Ordinary Sand Quarry over an extent 12-20 Acres(5.05 Hectares) in Patta Land at Sy.No.109 of Jalihal Village, Badami Taluk, Bagalkote District by M/s. Shekargouda V Patil (SEIAA 47 MIN 2018)

Sl. No	PARTICULARS	INFORMATION
1	Name & Address of the Project Proponent	Sri Shekargouda V Patil S/o Virupaxagouda, Jalihal Village, Badami Taluk, Bagalkote.
2	Name & Location of the Project	Ordinary Sand Quarry over an extent 12-20 Acres (5.05 Hectares) in Patta Land at Sy. No. 109 of Jalihal Village, Badami taluk, Bagalkote district, Karnataka
3	Co-ordinates of the Project Site	Latitude: N15 ^o 49' 29.8" to N 15 ^o 49' 31.1" Longitude: E75 ^o 46' 25.0 to E75 ^o 46' 18.1"
4	Type of Mineral	Ordinary Sand Quarry
5	New / Expansion / Modification / Renewal	New
6	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta Land
7	Whether the project site fall within ESZ/ESA	No
8	Area in Ha	5.0 Ha
9	Actual Depth of sand in the lease area in case of River sand	3.0m
10	Depth of Sand proposed to be removed	3.00m/year
11	Rate of replenishment in case of river sand mining as specified in the sustainable sand mining guideline 2016	Not Applicable For Patta land
12	Measurements of the existing	Fresh Land

	quarry pits in case of ongoing/expansion/modification of mining proposals other than river sand		
13	Annual Production Proposed (Metric Tons/ CUM) / Annum	75,000 Tons/annum	
14	Quantity of Topsoil/Over burden in cubic meter	Topsoil 1.5m and Sand upto a depth of 3.0m	
15	Mineral Waste Handled (Metric Tons/ CUM)/ Annum	2% of Waste	
16	Project Cost (Rs. In Crores)	3.40 crores	
17	Environmental Sensitivity		
	a. Nearest Forest	Belur Reserved Forest - 2.85 kms N	
	b. Nearest Human Habitation	Jaliha Village - 2.10 kms(NW)	
	c. Educational Institutes, Hospital	The nearest post and telegraph office, hospital, schools, police station is situated in Badami.	
	d. Water Bodies	SasaviHalla - 70 mts S	
	e. Other Specify	--	
18	Applicability of General Condition of the EIA Notification, 2006		
19	Details of Land Use in Ha		
	a. Area for Mining/ Quarrying	4.30	
	b. Waste Dumping Area	--	
	c. Top Soil Storage Area	1.51 (Temporary)	
	d. Mineral Storage Area	--	
	e. Infrastructure Area	--	
	f. Road Area	--	
	g. Green Belt Area/Buffer Zone	0.70	
	h. Unexplored area	--	
	i. Others Specify	--	
20	Method of Mining/ Quarrying	Semi Mechanized Open quarrying excavation	
21	Rate of Replenishment in case River sand project	NA	
22	Water Requirement		
	a. Source of water	Drinking water : Borewell from the village Dust Suppression: River Water	
	b. Total Requirement of Water in KLD	Dust Suppression	3.5 KLD
		Domestic	0.6 KLD
		Other	0.9 KLD
		Total	5.0 KLD
23	Storm water management plan	• Drains will be constructed along the boundary of activity area	

		<ul style="list-style-type: none"> • Check dams will be constructed to contain the surface run-off of the silt and sediments from the lease area during heavy rainy season
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The proposal was placed before the committee for appraisal.

The proponent and environment consultant attended the 206th meeting held on 20th & 21st August 2018 to provide required clarification/additional information.


The committee noted that this proposal is for mining sand in patta land. The land conversion has been done for NA purpose. The DMG has issued cluster certificate stating that there are three other leases within the 500 meter radius from this lease area. The overall area of four quarries within the 500 meter radius is 50 acres 20 guntas which is less than the threshold limit of 25 hectares. Hence the project has been appraised as individual project. The project site is located 75 meter away from the Sasvihalla. The bed level of the nala is 534 meter and the average ground level of the lease area is 540 meter. The proponent has stated that there is a overburden soil of depth of 1.5 meter and below which he has proposed to mine sand to a depth of 3.0 meters, hence the overall depth will be 4.5 meters and bottom of the pit will be at 1.5 meter above nala bed level.


The stockyard has been proposed adjacent to the site in the patta land which belongs to the proponent himself and the same has been alienated for non agriculture purpose. From stockyard there is a cart track road connecting state highway 63 which is at a distance of 1.4 KM. It is envisaged with a production plan of 75,000 TPA with mining lease period of three years.

The committee after discussion and deliberation decided to recommend the proposal to SEIAA for issue of Environment clearance.

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

The meeting concluded with thanks to the Chair.


Secretary, SEAC
Karnataka.


Chairman, SEAC
Karnataka.