



सत्यमेव जयते

# State Level Environment Impact Assessment Authority-Karnataka

(Constituted by MoEF, Government of India, under section 3(3) of E(P) Act, 1986)

Proceedings of the 249<sup>th</sup> SEIAA Meeting to be held on 18<sup>th</sup> November 2023 at 05:00 PM at Room No. 709, 7<sup>th</sup> Floor, Gate IV, M.S Building, Bangalore - 560001.

## Members present: -

- |                                   |                         |
|-----------------------------------|-------------------------|
| 1. Dr. K. R. Sree Harsha -        | Chairman, SEIAA         |
| 2. Shri. K. N. Shivalinge Gowda - | Member, SEIAA           |
| 3. Shri. B. P. Ravi, IFS -        | Member Secretary, SEIAA |

The Member Secretary, SEIAA welcomed the Chairman and member and initiated the discussion. The subjects discussed and the decisions made on each of the agenda points are as follows:

## 249.1. Fresh Projects (Recommended for EC):

### Construction Projects:

**249.1.1. Residential Apartment Project at Sy.No.19 of Mallasandra Village, Mallasandra Village, Uttarahalli Hobli, Bangalore South Taluk, Bangalore Urban by M/s. Puravankara Limited - Online Proposal No. SIA/KA/INFRA2/446756/2023 (SEIAA 65 CON 2023).**

M/s. Puravankara Limited have proposed for construction of Residential Apartment Project on a plot area of 70111.25Sqm. The total built up area is 2,83,722.62 Sqm. The proposed project consists of Constructed:1097 flats & club house existing 9 Blocks: 2B+G+20UF Proposed 492 flats 4 Blocks: 2B+G+20UF (Total : 13 Blocks: 2B+G+20UF) and Club house: 2B+G. Total water 863 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 2 x 600 KLD. The project cost is Rs. 300 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	Mr. PrashanthMarathe, General Manager operations, Authorized Signatory M/s. Puravankara Limited. 130/ 1, Ulsoor Rd, Bengaluru, Karnataka 560042.

2	Name & Location of the Project	Residential Apartment Project at Sy.No.19, Mallasandra Village, Uttarahalli Hobli, Bangalore South Taluk.
3	Type of Development	-
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential apartment Project Category 8(b) of EIA Notification, 2006
	b. Residential Township/ Area Development Projects	-
4	New/ Expansion/ Modification/ Renewal	Extention of validity of EC
5	Water Bodies/ Nalas in the vicinity of project site	Vaderahalli lake - 1.3 Km (SW) Tertiary nala outside the eastern boundary
6	Plot Area (Sqm)	70111.25Sqm
7	Built Up area (Sqm)	2,83,722.62 Sqm
8	FAR	
	<ul style="list-style-type: none"> <li>• Permissible</li> <li>• Proposed</li> </ul>	2.75 2.748
9	Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	<u>Constructed:</u> 9 Blocks: 2B+G+20UF <u>Underconstructed:</u> 4 Blocks: 2B+G+20UF <u>Total : 13 Blocks: 2B+G+20UF-</u> Club house: 2B+G
10	Number of units/plots in case of Construction/Residential Township / Area Development Projects	Constructed:1097 flats & club house Underconstructed: 492 flats
11	Height Clearance	Permissible height - 63.40 m
12	Project Cost (Rs. In Crores)	Rs. 300 Crores
13	Disposal of Demolition waster and or Excavated earth	Construction debris will be utilized for driveway formation. No excavation
14	Details of Land Use (Sqm)	
	a. Ground Coverage Area	32590 Sqm
	b. Kharab Land	Nil
	c. Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	15295.33 Sqm

	d.	Internal Roads	10844.91 Sqm	
	e.	Paved area		
	f.	Others Specify	Nil	
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA	
	h.	Services area	557 sqm	
		Total	70111.25 Sqm	
15	WATER			
	I.	Construction Phase		
	a.	Source of water	STP Treated water for Construction.	
	b.	Quantity of water for Construction in KLD	10 KLD	
	c.	Quantity of water for Domestic Purpose in KLD	9.0 KLD	
	d.	Waste water generation in KLD	9.0 KLD	
	e.	Treatment facility proposed and scheme of disposal of treated water	Mobile STP of 10 KLD	
	II.	Operational Phase		
	a.	Total Requirement of Water in KLD	Fresh	717
			Recycled	361.5
			Total	1078.5
	b.	Source of water	BWSSB	
	c.	Waste water generation in KLD	863kld	
	d.	STP capacity	2 x 600 KLD (1 STP of 600 KLD operational)	
	e.	Technology employed for Treatment	MBBR	
	f.	Scheme of disposal of excess treated water if any	Flushing - 361.5 KLD Greenbelt - 126.5KLD Upcoming project/avenue plantation - 370.5KLD	
16	Infrastructure for Rain water harvesting			
	a.	Capacity of sump tank to store Roof run off	150 Cum + 70 cum	
	b.	No's of Ground water recharge pits	20 No's of recharge pits	
17	Storm water management plan		Project has peripheral drain network of drain with width and depth as 750 mm to 1000 mm	
18	WASTE MANAGEMENT			

	I.	Construction Phase	
	a.	Quantity of Solid waste generation and mode of Disposal as per norms	40 Kgs/Day which will be collected & disposed of suitably
	II.	Operational Phase	
	a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1688.6 Kg/day will be treated in organic waste convertor
	b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	1112.4 Kg/day will be handed over to authorized recyclers
	c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Used oil from DG's will be handed over to authorized recyclers
	d.	Quantity of E waste generation and mode of Disposal as per norms	Collected separately & handed over to Authorized E-waste recyclers
19		POWER	
	a.	Total Power Requirement - Operational Phase	10585KVA
	b.	Numbers of DG set and capacity in KVA for Standby Power Supply	7X 750KVA
	c.	Details of Fuel used for DG Set	HSD/CNG
	d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	23.85 %
20		PARKING	
	a.	Parking Requirement as per norms	1653
	b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	Holiday village Road is considered as connecting road and LOS is D and the performance of the road is Fair
	c.	Internal Road width (RoW)	6mtr
21		CER Activities	1) Tree Plantation all along project site for 1 km 2) Solar street lighting all along project site road for 1km 3) Rain water recharge & Storm water drain outside the project.

		4) Road asphaltting & Development of Footpath along the roads near the project. 5) Infrastructure development of Mallasandra govt school
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	6.23 crore 0.42 crore

The subject was discussed in the SEAC meeting held on 17<sup>th</sup> November 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for obtaining new EC after expiry of earlier EC which was issued by SEIAA on 10.02.2012 for BUA of 2,32,658.5 (for BF+GF+20UF) in plot area of 70,111.25 Sq.mt. The Proponent informed Committee that presently they have completed the BUA of 1,89,503.36 Sq.mt. involving 2BF+GF+20UF and had stop the construction activity post 2014 and now propose to undertake the remaining BUA of 94,229.26 Sq.mt and justified by submitting architect certificate dated 01.07.2023. The Proponent submitted Certified Compliance Report from MoEF&CC dated 26.06.2023 informing that part of the project has been completed and occupied and no construction was seen due expiry of EC.

The Committee sought clarification regarding the construction of 2 Basement floors instead of a basement floor. The Proponent informed Committee that, earlier when the project was applied for Environmental Clearance at MoEF office Delhi, on 27.07.2006 under EIA Notification 1994, MoEF&CC did not considering the basement area to the Built up area and had obtained EC on 04.05.2007 with configuration of B + G + 18 Upper Floors with term "B" as indicative for basement. Further, BMICAPA while sanctioning the plan vide No. **BMICAPA (23) APARTMENT: 110:2006-2007 dated 18.08.2006**, had not considered the Basement area, but had mentioned the building configuration as 2B+G+20 Upper Floors.

Further, during the application for Expansion of EC on 28.09.2011 to SEIAA, the earlier plan sanctioned by BMICAPA was submitted along with application. But the expansion accorded for two upper floors with configuration as B+G+20 upper floor without considering the area of basement on 10.02.2012. In Gazette issued by Government of India on 04.04.2011, clarity was provided for inclusion of basement in to Built Up Area. Accordingly, the present proposal has been applied with detailing of two levels of basement based on the clarification provided in Gazette dated: 04.04.2011 and had not violated EC condition as the configuration "B" is only indicative of proposal of Basement and number of level had not mentioned in Built up area of basement and hence was not included in BUA of the project while obtaining environmental clearance from the authority as per norms prevailing then. Proponent informed that in the MoEF&CC after inspection of the had issued CCR by dated: 26.06.2023 by considering the project as non violation of EC.





The Committee noted the clarification given by the proponent for constructing 2 basement as per the sanctioned plan obtained on 18.08.2006 and appraised the project.

The Committee during appraisal sought details regarding drain as per village map and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee that, for that buffer of more than 18 mtrs is provided for the drain in the eastern side of the project area as per the approved plan. For harvesting rain water, the Proponent has proposed 150 cum and 70 cum capacity of sump for runoff from rooftop, landscape and paved areas in addition to 20 recharge pits.

The Proponent informed that they have made provisions to grow and maintain 800 trees in the project area and provide charging facilities to electrical vehicles in the proposed project area. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Committee informed the Proponent to use sustainable building materials in the proposed project and harvest rainwater in the project site, for which the Proponent agreed.

The Committee noted that the baseline parameters are found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide RWH tanks of 150 cum & 70 cum and 20 recharge pits.
2. To undertake additional plantation in the early stage of construction.
3. Proponent agreed to carry out rejuvenation in the nearby lake.
4. Proponent agreed to source external water from KGWA approved water tankers.
5. To comply with the observations in CCR issued by MoEF&CC.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute



to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

*The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:*

- 1. The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
- 2. The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
- 3. If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
- 4. The PP shall submit CER in Specific Physical Terms with time bound action plan.*
- 5. The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
- 6. The PP shall explore the possibility of installing smart meter for water conservation.*
- 7. The PP shall utilize the excavated soil/earth within the project site.*

**Additional Condition:**

- 1. Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
- 2. 25% of parking space shall have charging facility to enable charging of electric vehicles.*
- 3. The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
- 4. The PP shall grow trees during the construction phase itself.*
- 5. The PP shall source external water from KGWA approved water sources.*
- 6. The PP shall comply with the observations in CCR issued by MoEF&CC.*
- 7. The PP shall grow 800 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*

8. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*
9. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
10. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
11. *The PP shall submit the Memorandum of Understanding with Authorised/Registered C&D Waste recycler within six months to SEIAA.*
12. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

**249.1.2. SDM College of Medical Sciences and Hospital Project at Sy.Nos.111, 112/1A/1(P), 112/A2, 112/B2, 112/1(P), 112/1A, 114(P), 114/1(P), 114/2B, 115/2, 115/3B, 115/4, 115/5A, 115/5B, 116/1A, 116/1B, 116/1C, 116/1D, 116/1E(P), 119/1A, 119/2(P), 120/1, 120/2(P), 125/1 and 125/2 of Sattur village, Dharwad by M/s. Shri Dharmasthala Manjunatheshwara University - Online Proposal No.SIA/KA/INFRA2/4530224/2023 (SEIAA 49 CON (VIOL) 2023).**

M/s. Shri Dharmasthala Manjunatheshwara University have proposed for construction of Hospital Project on a plot area of 2,52,415 sqm. The total built up area is 1,81,102 sqm. The proposed project consists of following.





Sl. No.	Block	Configuration	Revised Configuration	Built Area sq m	Proposed Addition BUA (sq m)	Remarks
<b>EXISTING BUILDINGS IN THE MEDICAL COLLEGE AND HOSPITAL CAMPUS</b>						
1	Main Hospital	G + 6 floors with 750 beds	No Change	43,390	No Change	-
2	Super Speciality Hospital	B + G + 6 floors with 300 bed		33,329		
3	Medical College	G+3 floors		14,321		
4	Hostel – Parvathi	G+4 floors		5,847		
5	Hostel – Ashoka	G+4 floors		5,847		
6	Annapurna Mess	G+1 floor	G+2 floors	2,199	1,100	1 Addition a floor added
7	Narayati – Dormitory	G+1 floor	G+3 Floors	1,409	1,409	2 Addition of 1 floors added
8	Nursing Hostel – Shantinikethan I	G+3 Floors	No Change	4,490	No Change	-

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9	Intern's Hostel – Shantiniketa II	G+3 Floors		3,009		
10	Nursing & Physiotherapy college	G+3 Floors		6,046		
11	PG Hostel – Ashwatha	G+4 Floors		8,267		
<b>Total</b>				<b>1,30,15</b>		
<b>EXISTING BUILDINGS IN THE GODOWN AREA</b>						
12	All buildings	-	-	14,104	No change	-
<b>EXISTING BUILDINGS WHICH UNDERGO MODIFICATION</b>						
13	Annapurna Mess	G+1 floor	G+2 floors	1,100		
14	Netravati – Dormitory	G+1 floor	G+3 floors	1,409		
<b>Total</b>				<b>2,509</b>		
<b>PROPOSED BUILDINGS</b>						
15	Oncology Block	B+G+7 floors with 330 beds	-	24,415.0	-	-
16	PG Hostel – 2	G+4 floors	-	9,920	-	-
<b>Total</b>				<b>34,335.</b>		
<b>Grand total</b>				<b>1,81,10</b>		

Total water consumption is 1279 KLD (Fresh water + Recycled water). The total wastewater generated is 1087 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of Existing:900 KLD Proposed:250 KLD. The project cost is Rs. 331 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	M/s. Shri Dharmasthala Manjunatheshwara University No.178/1, Ward Number 22 A, Dhaval Nagar, Sattur, Dharwad, Karnataka – 580 009.

2	Name & Location of the Project	Sy. Nos.111, 112/1A/1(P), 112/A2, 112/B2,112/1(P), 112/1A, 114(P),114/1(P), 114/2B, 115/2,115/3B, 115/4, 115/5A, 115/5B, 116/1A, 116/1B, 116/1C, 116/1D, 116/1E(P), 119/1A, 119/2(P), 120/1, 120/2(P), 125/1 and 125/2 of Sattur Village, Dharwad.
3	Type of Development	
	a. Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Hospital Category 8(b) as per EIA Notification, 2006 under violation.
	b. Residential Township/ Area Development Projects	
	c. Zoning Classification	
4	New/ Expansion/ Modification/ Renewal	Expansion
5	Water Bodies/ Nalas in the vicinity of project site	Navalur Lake - 1.3 km towards North West Rayapura Lake - 2 km towards South East Nuggikeri Lake - 4.2 km towards South West Someshwara Lake - 3.3 km towards West
6	Plot Area (Sqm)	2,52,415 sqm
7	Built Up area (Sqm)	1,81,102 sqm
8	FAR <ul style="list-style-type: none"> <li>• Permissible</li> <li>• Proposed</li> </ul>	2 0.75

Sl. No.	Block	Configuration	Revised Configuration	Built Area sq m	Proposed Additional BUA (sq m)	Remarks
<b>EXISTING BUILDINGS IN THE MEDICAL COLLEGE AND HOSPITAL CAMPUS</b>						
1	Main Hospital	G+6 floors with 750 beds	No Change	45,390	No Change	-
2	Super Speciality Hospital	B+G+6 floors with 300 bed		33,329		
3	Medical College	G+3 floors		14,321		
4	Hostel - Parijatha	G+4 floors		5,847		
5	Hostel - Ashoka	G+4 floors		5,847		
6	Annapura Mess	G+1 floor	G+2 floors	2,199	1,100	1 Addition a floor added
7	Netravati - Dormitory	G+1 floor	G+3 Floors	1,409	1,409	2 Addition na 1 floors added
8	Nursing Hostel - Shantiniketha n I	G+3 Floors	No Change	4,490	No Chang	-

9

Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]

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9	Intern's Hostel - Shantiniketa II	G+3 Floors		3,009		
10	Nursing & Physiotherap college	G+3 Floors		6,046		
11	PG Hostel - Ashwathia	G+4 Floors		8,267		
<b>Total</b>				<b>1,30,15</b>		
<b>EXISTING BUILDINGS IN THE GODOWN AREA</b>						
12	All buildings	-	-	14,104	No change	-
<b>EXISTING BUILDINGS WHICH UNDERGO MODIFICATION</b>						
13	Annapurna Mess	G+1 floor	G+2 floors	1,100		
14	Netravati - Dormitory	G+1 floor	G+3 floors	1,409		
<b>Total</b>				<b>2,509</b>		
<b>PROPOSED BUILDINGS</b>						
15	Oncology Block	B+G+7 floors with 330 beds	-	24,415.0	-	-
16	PG Hostel - 2	G+4 floors	-	9,920	-	-
<b>Total</b>				<b>34,335.</b>		
<b>Grand total</b>				<b>1,81,10</b>		

10	Number of units/plots in case of Construction /Residential Township /Area Development Projects	Not applicable
11	Height Clearance	-
12	Project Cost (Rs. In Crores)	Existing facility cost: Rs. 181 crores Proposed Cost:Rs.150 Crores Total project cost after expansion: Rs.331 Crores
13	Disposal of Demolition wasteland or Excavated	No demolition activities proposed. Construction debris:750 cum

	earth							
14	Details of Land Use (Sqm)							
a.	Ground Coverage Area	50584						
b.	Kharab Land	-						
c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	142907						
d.	Internal Roads	40344						
e.	Paved area							
f.	Others Specify	11123 (playground area)						
g.	Parks and Open space in case of Residential Township/ Area Development Projects	Parking area-7457						
h.	Total	252415						
15	WATER							
I.	Construction Phase							
a.	Source of water							
b.	Quantity of water for Construction in KLD	59.374						
c.	Quantity of water for Domestic Purpose in KLD	30						
d.	Waste water generation in KLD	27						
e.	Treatment facility proposed and scheme of disposal of treated water	The wastewater generated from the construction site will be conveyed to existing STP. The treated sewage will be used for toilet flushing and dust suppressing activities.						
II.	Operational Phase							
a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>894</td> </tr> <tr> <td>Recycled</td> <td>385</td> </tr> <tr> <td>Total</td> <td>1279</td> </tr> </table>	Fresh	894	Recycled	385	Total	1279
Fresh	894							
Recycled	385							
Total	1279							
b.	Source of water							
c.	Waste water generation in KLD	1087						
d.	STP capacity & Area required	1150 KLD capacity. Existing:900 KLD Proposed:250 KLD. Area: 150 sqm Area:100 sqm						
e.	Technology employed for Treatment	FBBR (Fixed bed biological reactor)						
f.	Scheme of disposal of excess treated water if any	The treated sewage is utilised for toilet flushing, landscape development and AC cooling tower makeup						
16	Infrastructure for Rain water harvesting							

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a.	Capacity of sump tank to store Roof run off	Existing: 600 cum    proposed: 75cum			
b.	No's of Ground water recharge pits	8			
17	Storm water management plan	Details provided in Chapter 10, section 10.6			
18	WASTE MANAGEMENT				
I.	Construction Phase				
a.	Quantity of Solid waste generation and mode of Disposal as per norms	75 kg/d			
II.	Operational Phase				
a.	Quantity of Biodegradable waste generation and mode of Disposal as per norms	1103 kg/d; Organic solid waste disposed through vermicomposting method (Area earmarked for existing vermicomposting is 50 sq m). New Biomethanization plant of 500 kg/day capacity is proposed to be set up during the expansion (Area earmarked for Proposed Biomethanization will be 100 sq m).			
b.	Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	1654 kg/d Presently Inorganic solid waste generated is disposed through local NGO "Hasiru Dala" (Area earmarked for storage of inorganic /Package material is 100 sq m)			
c.	Quantity of Hazardous Waste generation and mode of Disposal as per norms	Waste category	Hazardous waste generated	Quantity	Method of handling
		5.1	Used oil from DG Sets	0.5 KL/Annunum	Shall be collected in leak proof containers and disposed to KSPCB authorized re-processors
		5.2	Waste residues containing oil	0.5 MT/annunum	Shall be collected in leak proof containers and disposed to Incinerator.
d.	Quantity of E waste generation and mode of Disposal as per norms	-			
19	POWER				
a.	Total Power Requirement -	1250 kW			

	Operational Phase													
b.	Numbers of DG set and capacity in KVA for Standby Power Supply	Existing : 1X1000 kVA;2X750 kVA Proposed: 2X1000 kVA												
c.	Details of Fuel used for DG Set	Deisel;550 LPH inclusion for all DG sets												
d.	Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	It is incorporated in EIA report, chapter 10, section 10.7 & 10.8												
20	PARKING													
a.	Parking Requirement as per norms	Car number-357 Ambulance - 5 Two wheelers-200												
b.	Level of Service (LOS) of the connecting Roads as per the Traffic Study Report	A; V/C=0.2												
c.	Internal Road width (RoW)	8m												
21	CER Activities	<table border="1"> <thead> <tr> <th>Sl. No.</th> <th>CER Activity</th> <th>Target</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Infrastructure creation for drinking water supply</td> <td rowspan="4">December 2026.</td> </tr> <tr> <td>2</td> <td>Infrastructure creation for health</td> </tr> <tr> <td>3</td> <td>Infrastructure creation for Education</td> </tr> <tr> <td>4</td> <td>Infrastructure creation for avenue plantation</td> </tr> </tbody> </table>	Sl. No.	CER Activity	Target	1	Infrastructure creation for drinking water supply	December 2026.	2	Infrastructure creation for health	3	Infrastructure creation for Education	4	Infrastructure creation for avenue plantation
Sl. No.	CER Activity	Target												
1	Infrastructure creation for drinking water supply	December 2026.												
2	Infrastructure creation for health													
3	Infrastructure creation for Education													
4	Infrastructure creation for avenue plantation													
22	EMP <ul style="list-style-type: none"> <li>Construction phase</li> <li>Operation Phase</li> </ul>	<ul style="list-style-type: none"> <li>Construction phase                             <ul style="list-style-type: none"> <li>✓ Capital cost - Rs. 1,05,60,000/-</li> <li>✓ Recurring cost- Rs.26,40,000/-</li> </ul> </li> <li>Operation Phase                             <ul style="list-style-type: none"> <li>✓ Capital cost- Rs. 44,00,000/-</li> <li>✓ Recurring cost Rs.39,60,000/-</li> </ul> </li> </ul>												

The subject was discussed in the SEAC meeting held on 17<sup>th</sup> November 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:







The Proposal is for grant of EC for an already constructed building in violation category for which SEIAA had issued ToR on 13.10.2023. The Proponent informed the Committee that existing Hospital building with 750 beds having BUA of 85,509 Sqm was constructed prior to 2006 and Hospital building with 300 beds having BUA of 58,749 Sqm was constructed after 2006 without obtaining EC and now they have proposed for an additional expansion in built up area of 36,844 Sqm for 330 bedded hospital building with a total BUA of 1,81,102 Sqm on a plot area of 2,52,415 Sqm for total 1380 beds. For existing construction plan was approved by town planning on 20.12.2012 and had obtained CFO from KSPCB on 14.11.2022.

The Committee initial noted that the Proponent had submitted total turn over incurred in the project for the violation period as per the provisions in the SoP dated 07.07.2021. The Proponent submitted the total turn over cost for the violation period as per section 12(a)(ii) of SoP dated 07.07.2021 and informed that the additional penalty of Rs.7,48,738/- is to be paid along with penalty calculated for the construction. The Committee noted the changes. The Proponent submitted the details for the violation as per the provisions MoEF&CC OM dated: 07.07.2021 as below,

### DAMAGE ASSESSMENT STUDY

#### A. PROFIT INCURRED DUE TO VIOLATION:

##### ❖ Breakup of Capital Cost:

Assets Details Total (In Rs.)	
Construction Cost at rate of Rs. 2,200/sq ft of additional built-up area of 36,844 sq m or 3,96,441 sq ft	3,96,441 sq ft x Rs. 2,200 = Rs. 87,21,70,200/- Or say Rs. 87 Crores
Proposed plant and Machinery cost	Rs. 63 Crores
<b>Total</b>	<b>Rs. 150 Crores</b>

#### B. CONSOLIDATED DAMAGE COST:

Sl. No	ENVIRONMENTAL ATTRIBUTE	DAMAGE ASSESSED
<b>CONSTRUCTION PHASE</b>		
1	LAND ENVIRONMENT	₹ 2,74,480/-
2	AIR ENVIRONMENT	₹ 14,33,605/-
3	WATER ENVIRONMENT	₹ 13,60,635/-
4	SOLID WASTE MANAGEMENT	₹ 5,75,309/-
5	COST SAVED FROM EMP	₹ 13,64,000/-

SUB TOTAL		₹ 50,08,029/-
<b>OPERATION PHASE</b>		
6	LAND ENVIRONMENT	NIL
7	AIR ENVIRONMENT	NIL
8	WATER ENVIRONMENT	₹ 42,61,109/-
9	SOLID WASTE MANAGEMENT	NIL
10	COST SAVED FROM EMP	NIL
SUB TOTAL		₹ 42,61,109/-
TOTAL		₹ 92,69,138/- or say ₹ 93,00,000/-

### C. PENALTY CALCULATIONS

Damage costing as per MoEF OM - SOP on handling Violation cases, dated 07.07.2021			
Sl. No.	Details	Amount in Rs.	Remarks
1	1% of Total project cost incurred up to the date of filing of application = 79,56,45,719/- (Certificate enclosed) The amount shall be halved as so moto reporting is done for the violation	Rs. 79,56,457.19 X 0.5 = Rs.39,78,228.59/-	As per Section 12(a)(ii) of SoP. As per Section 12.2 of SoP
3	0.25% of the total turnover during the period of violation	Rs. 59,89,90,098/- X 0.25=Rs. 14,97,475/- Halved to Rs. 7,48,737.5/-	As per Section 12(a)(ii) of SoP.
4	Therefore, Total penalty payable = Rs.47,26,966.09/-		

### REMEDIATION, NATURAL RESOURCE AND COMMUNITY DEVELOPMENT AUGMENTATION PLAN

SL No.	Description	Estimated cost. (Rs. in Lakhs)
1	Remediation Plan	30
2	Natural Resources Augmentation Plan	30





3	Community Resources Augmentation Plan	35
Sub-Total		95
4	1% Contribution from Capital Cost against EMP Capital cost	Not Applicable*
5	Penalty Cost As per OM dated 07/07/2021	39.78
Grand Total		134.78

1. Remediation Plan

SL NO	COMPONENT REMEDIATION	REMEDIA TION PROPOSED	DESCRIPTION	LOCATIONS	RATE	TOTAL QTY.	TOTAL COST (RS.)	YEAR I	YEAR II	YEAR III
1.	Air & Noise Environment	Avenue Plantation	Avenue plantation on medians and road avenues in the vicinity of project site and towards the existing railway boundary. 3000 saplings	1. Navalur 2. Rayapura 3. Sattur 4. Railway boundary (outside campus wall)	500	3000	30,00,000	10,00,000	10,00,000	10,00,000
Grand Total (Rs.)							30,00,000	10,00,000	10,00,000	10,00,000



James



2. NATURAL & COMMUNITY RESOURCE AUGMENTATION PLAN

Sl No	COMPONENT REMEDIATION	REMEDICATION PROPOSED	DESCRIPTION	LOCATIONS	RATE	TOTAL QTY.	TOTAL COST (RS.)	YEAR I	YEAR II	YEAR III
1a	Natural Resource Augmentation Plan Activities	Ground Water Recharge	Installation of Rainwater harvesting system in nearby villages Government schools	Navalur Rayapura Sattur	10,00,000	3	30,00,00	10,00,000	10,00,000	10,00,000
Sub-Total A (1a + 1b) in Rs.							30,00,000	10,00,000	10,00,000	10,00,000
2a	Community Resource Augmentation Plan Activities	Infrastructure Development	Removal of Weeds in association with the local administration.	Kelageri lake	LS	1 LOT	10,00,000	--	10,00,000	--
2b		Solid Waste Management	Providing wet waste and dry waste collection vans for collection, transportation and disposal management	Navalur Rayapura Sattur	LS	1 LOT	25,00,000	25,00,000	--	--
Sub-Total - B (2a+2b)							35,00,000	25,00,000	10,00,000	--
Grand Total (A+B)- In Rs							95,00,000	45,00,000	30,00,000	20,00,000

The Committee carefully analyzed and accepted the calculation and appraised the Project.

The Committee during appraisal sought details regarding railway line and provisions made for harvesting rain water in the proposed area. The Proponent informed the Committee they have provided buffer of 30 mtrs from the railway boundary to the project site area. For harvesting rain water Proponent has made provision for storage tank of 600 cum and 70 cum capacity for runoff from rooftop, hardscape and landscape areas along with 08 recharge pits within the project area. The Proponent informed that in total of 1380 beds, 880 beds are charitable and remaining 500 beds are non charitable.

Further the Committee informed to use provided additional rainwater harvesting structures, to which the Proponent agreed.

The Proponent agreed to grow 4,000 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines





for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide additional rain water harvesting structures.
2. To grow trees in the early stage.
3. Proponent agree to rejuvenate of Navaluru Lake and Kelagere Lake.
4. Proponent agreed to carry out community recharge of bore wells in the vicinity of the site
5. Proponent agreed to construct lead of drains till the natural drains/water body for handling excess water.
6. Proponent to submit CA certified turn over incurred in the project for the violation period before grant of EC

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.

*The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:*

1. Filing a complaint before Jurisdictional Court of law for the alleged violation under section 19 of the Environment (Protection) Act 1986. (Draft Complaint prepared by Advocate, SEIAA.
  - (a) A Bank guarantee for an amount of Rs. 95 Lakhs with the Karnataka State Pollution Control Board, Bengaluru along with details of remediation plan and Natural and Community Resource Augmentation Plan and the time frame for execution of the same.
  - (b) As per SoP dated:07.07.2021, section 12(b)(ii) 0.5% of the total expansion cost for 79,56,457.19/- i.e Rs. 39,78,228.59/- + 0.25% of total turnover during the period of Violation:- Rs. 7,48,737.5/- Total Penalty of Rs. 47,26,966.09/- shall be paid to Karnataka State Pollution Control Board, Bengaluru.

The PP shall also submit the following details;

1. The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.
2. The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.
3. If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.
4. The PP shall submit CER in Specific Physical Terms with time bound action plan.
5. The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.
6. The PP shall utilize the excavated soil/earth within the project site.

**Additional Condition:**

1. Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.
2. The PP shall strictly adhere to the local Planning Authority Bye-Laws.
3. The PP shall grow trees during the construction phase itself.
4. The PP shall rejuvenate of Navaluru Lake and Kelagere Lake.
5. The PP shall carry out community recharge of bore wells in the vicinity of the site
6. The PP shall construct lead of drains till the natural drains/water body for handling excess water.
7. The PP shall submit CA certified turn over incurred in the project for the violation period before grant of EC
8. The PP shall grow 4000 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].
9. The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.
10. All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All



*demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*

11. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*
12. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*
13. *The proponent shall establish a separate pre-treatment of Biomedical Liquid waste and the treated effluent shall be free from pathogens and disposed off as per Bio-Medical Waste (Management & Handling) Rules, 1998.*

*The Authority also decided to authorize Shri H. K. Vasanth, Advocate and Scientific Officer, Department of Forest, Ecology and Environment for filing the complaint.*

**249.1.3. Proposed Residential Apartment Project at PID No.59-82-45 at Yediyur, KR Road, Bangalore by MM Industrial Estate - Online Proposal No.SIA/KA/INFRA2/452095/2023 (SEIAA 243 CON 2023).**

MM Industrial Estate have proposed for construction of Residential Apartment Project on a plot area of 6986.36 Sqm. The total built up area is 32405.85 Sqm. The proposed construction of Residential Apartment Building consisting of Building configuration of 3 Basement + Ground +11 Upper floor with 102 Flats. Total water consumption is 93 KLD (Fresh water + Recycled water). The total wastewater generated is 75 KLD. The project proponent has proposed to construct Sewage Treatment plant with capacity of 100 KLD. The project cost is Rs. 40.25 Crores.

Details of the project are as follows:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	MM Industrial Estate No.46/1, Yadiyur Kanakapura Road Bangalore 560070
2	Name & Location of the Project	Pramuk MM Magnus Proposed Residential Apartment at PID No.59-82-45, at Yediyur, KR Road, Bangalore 560070
3	Type of Development	
a.	Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other	Residential Category 8(a) as per EIA Notification, 2006.

	b.	Residential Township/ Area Development Projects	NA
	c.	Zoning Classification	Industrial
4		New/ Expansion/ Modification/ Renewal	New
5		Water Bodies/ Nalas in the vicinity of project site	Yadiyur Lake-210m(NE) Lalbagh Lake- 1.63Km(NE)
6		Plot Area (Sqm)	6986.36 Sqm
7		Built Up area (Sqm)	32405.85 Sqm
8		FAR • Permissible • Proposed	2.75 2.74
9		Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	The proposed construction of Residential Apartment Building consisting of Building configuration of 3 Basement + Ground +11 Upper floor.
10		Number of units/plots in case of Construction/Residential Township /Area Development Projects	102Flats
11		Height Clearance	As per CCZM permissible top elevation is 1035 mAMSL and proposed top elevation is 964 mAMSL
12		Project Cost (Rs. In Crores)	Rs.40.25 Crores
13		Disposal of Demolition waster and or Excavated earth	C& D Waste 810 Cum The debris generated will be used within the site for internal roads & pavements formation and Landscape formation  Excavated earth of 30724.26cum The earth excavated generated from the project site will be utilized within the project premises for back filling, gardening road and walk way and construction of compound wall.
14		Details of Land Use (Sqm)	
	a.	Ground Coverage Area	6986.36 Sqm
	b.	Kharab Land	Road widening -479.48 Sqm
	c.	Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006	1270.09 Sqm
	d.	Internal Roads	3095.60 Sqm



	e.	Paved area							
	f.	Others Specify	NA						
	g.	Parks and Open space in case of Residential Township/ Area Development Projects	NA						
	h.	Total	6986.36Sqm						
15	WATER								
	I.	Construction Phase							
	a.	Source of water	Sourced through tankers via external agencies& treated STP water.						
	b.	Quantity of water for Construction in KLD	9KLD						
	c.	Quantity of water for Domestic Purpose in KLD	2.7 KLD						
	d.	Waste water generation in KLD	2.16 KLD						
	e.	Treatment facility proposed and scheme of disposal of treated water	The total domestic wastewater generated during construction phase will be treated in mobile STP and treated water will be further utilized to develop the landscape.						
	II.	Operational Phase							
	a.	Total Requirement of Water in KLD	<table border="1"> <tr> <td>Fresh</td> <td>62KLD</td> </tr> <tr> <td>Recycled</td> <td>31KLD</td> </tr> <tr> <td>Total</td> <td>93KLD</td> </tr> </table>	Fresh	62KLD	Recycled	31KLD	Total	93KLD
Fresh	62KLD								
Recycled	31KLD								
Total	93KLD								
	b.	Source of water	BWSSB						
	c.	Waste water generation in KLD	75KLD						
	d.	STP capacity& Area required	100KLD						
	e.	Technology employed for Treatment	SBR						
	f.	Scheme of disposal of excess treated water if any	31KLD will be recycled/ reused for toilet flushing, 10KLD for landscaping, 12KLD for Floor & common area washing , 12KLD for internal & Pavement area maintenance and 6KLD for car washing within the project site.						
16	Infrastructure for Rain water harvesting								
	a.	Capacity of sump tank to store Roof run off	120KLD						
	b.	No's of Ground water recharge pits	Total number of deep recharge pits proposed: 5Nos of recharge pits are proposed to harvest paved area runoff 2Nos. of recharge pits are proposed to harvest						

		runoff from landscape 1.2 m Dia & 1.8 m Depth.
17	Storm water management plan	Storm water drain is provided around the site to handle excess water
18	WASTE MANAGEMENT	
	I. Construction Phase	
	a. Quantity of Solid waste generation and mode of Disposal as per norms	Total solid waste generation will be 6 kg/day; which will be disposed by contractor
	II. Operational Phase	
	a. Quantity of Biodegradable waste generation and mode of Disposal as per norms	248.8kg /day; Composting by using organic waste Converter (OWC) converted as manure & used for landscaping.
	b. Quantity of Non-Biodegradable waste generation and mode of Disposal as per norms	127.5kg/day; which will be handed over to the authorized vendor.
	c. Quantity of Hazardous Waste generation and mode of Disposal as per norms	150LPA Used oil from DG shall be sent authorized recycler
	d. Quantity of E waste generation and mode of Disposal as per norms	80Kg/ Annum shall be sent authorized recycler
19	POWER	
	a. Total Power Requirement - Operational Phase	Transformer Cap 720KVA
	b. Numbers of DG set and capacity in KVA for Standby Power Supply	250KVA X2nos
	c. Details of Fuel used for DG Set	140 liters/hr of diesel
	d. Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007	Total energy savings will be 11.42%.
20	PARKING	
	a. Parking Requirement as per norms	Car parking required:132cars Car parking provided 140cars
	b. Level of Service (LOS) of the connecting Roads as per the	KR Road main Road LOS C

	Traffic Study Report	
c.	Internal Road width (RoW)	Internal driveway within the project site: 6 m wide
21	CER Activities	Carrying avenue plantation across the service road within the period 18 months Providing RO facility for safe Drinking water to the Government First grade degree collage Yadiyur which is located 0.5 Km(E) from the project site within 12 months Providing Sanitation facility to the Government First grade degree collage Yadiyur which is located 0.5 Km(E) from the project site - within 17 months
22	EMP <ul style="list-style-type: none"> <li>• Construction phase</li> <li>• Operation Phase</li> </ul>	Construction phase Galvanized iron barricade sheet all-round the site-9lakhs, Purchase of STP treated tanker water for Construction-2.25 lakhs, Plantations of saplings around the periphery and maintenance-0.35lakhs, Environmental Monitoring - Air, Water, Noise-4.53lakhs, EMP Cell-7.20 lakhs Waste water treatment during construction phase-12 lakhs, Waste Management -3.15 lakhs total 38.48Lakhs Operation Capital investment Sewage Treatment Plant - 50 Lakhs, Rainwater harvesting facilities-7.50 Lakhs, Landscape development-5.50 Lakhs Acoustic & Stacks for DG sets5.00 Lakhs, Organic Waste Converter - 10Lakhs Total 78Lakhs,Recurring cost STP Maintenance-6 .50lakhs, Landscape Maintenance- 2.30 lakhs, Organic waste Maintenance-1.70 lakhs, EMP Cell-3.50lakhs, Environmental Monitoring-Air, Water, Noise 5 lakhs/ annum total 19Lakhs

The subject was discussed in the SEAC meeting held on 17<sup>th</sup> April 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for construction of residential building project in an area earmarked for industrial use as per RMP of BDA, for which Proponent informed that they had obtained land conversion to residential from DC.

The Committee during appraisal sought details regarding details of existing building and provisions made for harvesting rain water. The Proponent informed the Committee that existing sheds were very old and in dilapidated condition and were dismantled and the metal scraps were sold to scrap vendors and some quantity of masonry debris were used within the site for leveling work and existing two sheds to be demolished after obtained necessary permission from concerned authority and as per the provisions C&D rules. For harvesting rain water, the Proponent has informed the Committee that they had proposed storage tank of 120 cum capacity for runoff from rooftop, hardscape and landscape areas along with 2 recharge pits within the project area.

Further the Committee informed the Proponent to install smart water meters for individual units for conservation of water, to use sustainable building materials in the proposed project and to harvest excess rainwater in the project site, to which the Proponent agreed.

The Proponent agreed to grow 90 trees in the project site area. The Proponent has collected baseline data of air, water, soil and noise and informed that all were within the permissible limits. The Proponent committed to take precautionary measures during and after construction to maintain the environmental parameters within permissible limits in the proposed project and agreed to comply with the ECBC and NBC guidelines for the proposed construction and adhere to the by-laws stipulated by the governing authority for buffers and setbacks.

The Committee noted that the baseline parameters were found to be within permissible limits and informed the Proponent to leave buffers/setbacks as per zoning regulations and to harvest maximum rainwater in the proposed project area.

The Committee after appraisal decided to recommend the proposal to SEIAA for issue of EC with following considerations,

1. To provide rain water storage tank of capacity 120 cum and 2 recharge pits.
2. To handle C&D as per C&D waste management rules 2016.
3. To grow trees in the early stage before taking up of construction.
4. Proponent agreed to source external water from KGWA approved water tankers.

The Authority perused the proposal and took note of the recommendation of SEAC. The matter was deliberated and it was felt that peak runoff and slope contribute to the net Harvestable rain water. The Project Proponent in their commitment have proposed Rain Water Harvesting. The Authority noted the same.





***The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:***

1. *The project proponent shall furnish Notarized undertaking that they shall maintain Buffer zone as per bylaw and compliance to provisions of CDP.*
2. *The project proponent shall leave the buffer from the lake /drain as per the RCDP 2015 as directed by Supreme Court order CIVIL APPEAL NO. 5016 OF 2016 dated 5th March 2019.*
3. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) shall be submitted.*
4. *The PP shall submit CER in Specific Physical Terms with time bound action plan.*
5. *The project proponent shall ensure that tree planting/afforestation measures proposed in the EMP shall be strictly complied and an undertaking to this effect shall be submitted.*
6. *The PP shall explore the possibility of installing smart meter for water conservation.*
7. *The PP shall utilize the excavated soil/earth within the project site.*

**Additional Condition:**

1. *Assured water supply, commensurate with the ultimate occupancy envisaged in the project, shall be ensured before commencement of the project.*
2. *25% of parking space shall have charging facility to enable charging of electric vehicles.*
3. *The PP shall strictly adhere to the local Planning Authority Bye-Laws.*
4. *The PP shall grow trees during the construction phase itself.*
5. *The PP shall source external water from KGWA approved water sources.*
6. *The PP shall grow 90 numbers of indigenous fruit yielding trees in the early stages of construction. [Example: Mango, Jackfruit, Jamoon, champaca (Sampige), Terminalia Arjuna (Arjuna), Ficus racemosa (Atti mara), Sandalwood and Rosewood, Ocimum tenuiflorum (Sri Tulasi)].*
7. *The PP shall ensure that the EC is transferred to the resident welfare association (RWA) at the time of handing over and advice the association to adhere to all the conditions of the EC during occupancy phase and also ensure submission of half Yearly Compliance report without lapse.*



8. *The provisions of the Solid Waste Management Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste Management Rules, 2016 shall be followed.*
9. *All construction and demolition debris shall be stored at the site (and not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules 2016.*
10. *The PP shall submit the Memorandum Of Understanding with Authorised/Registered C&D Waste recycler with in six months to SEIAA.*
11. *The Authority will not be responsible for the issues arising during the operational phase from the project surroundings.*

**Mining Projects:**

**249.1.4. Black Granite Quarry Project at Madalagerikaval Village, Channarayapatna Taluk, Hassan District (4-17 Acres) (Q.L. No.HSNP-0004) by Sri T. N. Devaraj - Online Proposal No.SIA/KA/MIN/449006/2023 (SEIAA 487 MIN 2023).**

Sri T. N. Devaraj have applied for Environmental clearance from SEIAA for Black Granite Quarry Project at Sy.Nos.65/1, 2, 3, 4 & 437 of Madalagerikaval Village, Channarayapatna Taluk, Hassan District

Details of the project are as follows:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP										
1	Name & Address of the Projects Proponent	Sri T. N. Devaraj										
2	Name & Location of the Project	Black Granite Quarry Project at Sy.Nos.65/1, 2, 3, 4 & 437 of Madalagerikaval Village, Channarayapatna Taluk, Hassan District (4-17 Acres) (Q.L.No.HSNP-0004) <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>N 13°01'17.0"</td> <td>E 76° 33' 52.8"</td> </tr> <tr> <td>N 13°01'16.8"</td> <td>E 76° 33' 57.2"</td> </tr> <tr> <td>N 13°01'12.1"</td> <td>E 76° 33' 56.4"</td> </tr> <tr> <td>N 13°01'12.4"</td> <td>E 76° 33' 52.8"</td> </tr> </tbody> </table>	Latitude	Longitude	N 13°01'17.0"	E 76° 33' 52.8"	N 13°01'16.8"	E 76° 33' 57.2"	N 13°01'12.1"	E 76° 33' 56.4"	N 13°01'12.4"	E 76° 33' 52.8"
Latitude	Longitude											
N 13°01'17.0"	E 76° 33' 52.8"											
N 13°01'16.8"	E 76° 33' 57.2"											
N 13°01'12.1"	E 76° 33' 56.4"											
N 13°01'12.4"	E 76° 33' 52.8"											
3	Type Of Mineral	Black Granite Quarry Project										
4	New/Expansion/Modification/Ren	DEIAA to SEIAA as per MoEF&CC OM										

	ewal	dated:28.04.2023
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta
6	Area in Acres	4-17 Acres
7	Annual Production (Metric Ton / Cum) Per Annum	8,055.4 Cum/ Annum (including waste)
8	Project Cost (Rs. In Crores)	Rs.0.45 Crores (Rs.45 Lakhs)
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	81,804 Cum (including waste)
10	Permitted Quantity Per Annum - Cu.m / Ton	2,416.6 Cum/ Annum (recovery)
11	CER Activities: Propose take up 500 No. of additional plantation on either side of the approachroad from quarry location to Madalagerikaval Village Road	
12	EMP Budget	Rs. 14.70 Lakhs (Capital Cost) & Rs. 5.58 Lakhs (Recurring cost)
13	Quarry plan	19.04.2022
14	Cluster certificate	29.09.2023
15	Notification	22.03.2013
16	Notification	22.03.2013
17	Forest NoC	26.11.2014

The subject was discussed in the SEAC meeting held on 17<sup>TH</sup> April 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for appraisal as per MoEF&CC OM dated 28.04.2023, without change in production for which EC was issued earlier by DEIAA on 18.11.2017 and lease was granted on 06.08.2018 with QL No.04. The Proponent submitted audit report till 2022-23 certified from DMG.

As per the cluster sketch there is one lease in a radius of 500 mtrs from the applied lease and the total area of the leases including the applied lease is 8-17 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 340 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after asphaltting the approach road to the quarry as per IRC standard norms and to grow trees all along the approach road, for

which the Proponent agreed. Proponent submitted an undertaking for complying with the conditions stipulated by MoEF&CC OM dated: 28.04.2023 and submitted self certified compliance for earlier EC condition issued by DEIAA.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 81,804 Cum (including waste) and estimated the life of mine to be 11 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 8,055.4 Cum / Annum (including waste) for one year, with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per norms before commencing.
2. To handle waste generated by obtaining necessary permission.
3. To grow trees all along the approach road during the first year of operation.
4. Proponent agreed to carry out regular health checkup for the workers in the nearby Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

*The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:*

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*
4. *Since there is substantial quantity of generation of waste from the quarry activity, all due precautions with respect to environment management aspects of waste dump shall be observed.*



**Additional Conditions:**

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to minimize dust pollution.*
6. *The PP shall grow trees all along the approach road & buffer zone during the first year of operation*
7. *The PP shall comply with the request of public, expressed during public hearing.*
8. *The PP shall handle waste generated by obtaining necessary permission.*
9. *The PP shall carry out regular health checkup for the workers in the nearby Hospital.*

**249.1.5. Black Granite Quarry Project at Sy.No.317 of Madalagerikaval Village, Channarayapatna Taluk & Hassan District (4-00 Acres) (QL. No. HSNP-0003) by Sri T. N. Devaraj - Online Proposal No.SIA/KA/MIN/448975/2023 (SEIAA 485 MIN 2023)**

Sri T. N. Devaraj have applied for Environmental clearance from SEIAA for Black Granite Quarry Project at Sy.No.317 of Madalagerikaval Village, Channarayapatna Taluk & Hassan District

Details of the project are as follows:

Sl.No.	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri T. N. Devaraj
2	Name & Location of the Project	Black Granite Quarry Project at Sy.No.317 of Madalagerikaval Village, Channarayapatna Taluk & Hassan District (4-00 Acres) (QL. No. HSNP-0003)





		Latitude	Longitude
		N 13°01'08.1"	E 76° 33' 01.3"
		N 13°01'07.0"	E 76° 33' 06.5"
		N 13°01'03.8"	E 76° 33' 05.8"
		N 13°01'04.9"	E 76° 33' 00.6"
3	Type Of Mineral	Black Granite Quarry Project	
4	New/Expansion/Modification/ enewal	DEIAA to SEIAA as per MoEF&CC OM dated:28.04.2023	
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Patta	
6	Area in Acres	4-00 Acres	
7	Annual Production (Metric Ton/Cum) Per Annum	7,000 Cum/ Annum (including waste)	
8	Project Cost (Rs. In Crores)	Rs.0.45 Crores (Rs.45 Lakhs)	
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	1,29,415 Cum (including waste)	
10	Permitted Quantity Per Annum - Cu.m / Ton	2,100 Cum/ Annum (recovery)	
11	CER Activities: Propose take up 400 No. of additional plantation on either side of the approach road from quarry location to Madalagerikaval Village Road		
12	EMP Budget	Rs.14.10 Lakhs (Capital Cost) & Rs.5.30 Lakhs (Recurring cost)	
13	Quarry plan	19.04.2022	
14	Cluster Certificate	29.09.2023	
15	Notification	19.04.2022	
16	Revenue	01.09.2015	

The subject was discussed in the SEAC meeting held on 17<sup>TH</sup> April 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for appraisal as per MoEF&CC OM dated 28.04.2023, without change in production for which EC was issued earlier by DEIAA on 16.05.2017 and lease was granted on 19.03.2018 with QL No.03. The Proponent submitted audit report till 2022-23 certified from DMG.

As per the cluster sketch there is one lease in a radius of 500 mtrs from the applied lease and the total area of the leases including the applied lease is 8-17 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 320 meters connecting lease area to the all-weather black topped road. The Committee informed that the proposed expansion in quantity should be commenced after asphaltting the approach road to the quarry as per IRC standard norms and to grow trees all along the approach road, for which the Proponent agreed. Proponent submitted an undertaking for complying with the conditions stipulated by MoEF&CC OM dated: 28.04.2023 and submitted self certified compliance for earlier EC condition issued by DEIAA.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 1,29,415 Cum (including waste) and estimated the life of mine to be 17 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 7,000 Cum / Annum (including waste) for one year, with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry as per norms before commencing.
2. To handle waste generated by obtaining necessary permission.
3. To grow trees all along the approach road during the first year of operation.
4. Proponent agreed to carry out regular health checkup for the workers in the nearby Hospital.

The Authority perused the proposal and took note of the recommendation of SEAC.

*The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:*

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*
2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*
4. *Since there is substantial quantity of generation of waste from the quarry activity, all due precautions with respect to environment management aspects of waste dump shall be observed.*

**Additional Conditions:**

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to minimize dust pollution.*
6. *The PP shall grow trees all along the approach road & buffer zone during the first year of operation*
7. *The PP shall comply with the request of public, expressed during public hearing.*
8. *The PP shall handle waste generated by obtaining necessary permission.*
9. *The PP shall carry out regular health checkup for the workers in the near by Hospital.*

**249.1.6. Building Stone Quarry Project at Sy.No.03(P) of Mallanakatte Village, Kasaba Hobli, Chitradurga Taluk, Chitradurga District (2-00 Acres) by Sri B M Shadakshari - Online Proposal No. SIA/KA/MIN/446552/2023 (SEIAA 467 MIN 2023)**

Sri B M Shadakshari have applied for Environmental clearance from SEIAA for Building Stone Quarry Project at Sy.No.03(P) of Mallanakatte Village, Kasaba Hobli, Chitradurga Taluk, Chitradurga District (2-00 Acres)

Details of the project are as follows:

SLN	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Projects Proponent	Sri B M Shadakshari
2	Name & Location of the Project	Building Stone Quarry Project at Sy.No.03(P) of Mallanakatte Village, Kasaba Hobli, Chitradurga Taluk, Chitradurga District (2-00 Acres)





		Latitude	Longitude												
		N 14° 15' 28.7"	E 76° 22' 25.4"												
		N 14° 15' 24.1"	E 76° 22' 25.3"												
		N 14° 15' 24.1"	E 76° 22' 23.5"												
		N 14° 15' 28.7"	E 76° 22' 23.3"												
3	Type Of Mineral	Building Stone Quarry													
4	New/Expansion/Modification/Re newal	New													
5	Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]	Government													
6	Area in Acres	2-00 Acres													
7	Annual Production (Metric Ton / Cum) Per Annum	52,632 Tones/ Annum (including waste)													
8	Project Cost (Rs. In Crores)	Rs. 1.20 Crores (Rs.120 Lakhs)													
9	Proved Quantity of mine/ Quarry- Cu.m / Ton	7,67,070 Tones (including waste)													
10	Permitted Quantity Per Annum - Cu.m / Ton	50,000 Tones / Annum (excluding waste)													
11	CER Activities:	<table border="1"> <thead> <tr> <th>Year</th> <th>Corporate Environmental Responsibility (CER)</th> </tr> </thead> <tbody> <tr> <td>1st</td> <td>Providing solar power panels to the GHPS school at Mallanakatte Village.</td> </tr> <tr> <td>2nd</td> <td>Rain water harvesting pits to Mallanakatte Village.</td> </tr> <tr> <td>3rd</td> <td>Avenue plantation either side of the approach road near Quarry site &amp; Repair of road With drainages</td> </tr> <tr> <td>4th</td> <td>Conducting E-waste drive campaigns in GHPS at Mallanakatte Village.</td> </tr> <tr> <td>5th</td> <td>Health camp in GHPS at Mallanakatte Village.</td> </tr> </tbody> </table>		Year	Corporate Environmental Responsibility (CER)	1st	Providing solar power panels to the GHPS school at Mallanakatte Village.	2nd	Rain water harvesting pits to Mallanakatte Village.	3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages	4th	Conducting E-waste drive campaigns in GHPS at Mallanakatte Village.	5th	Health camp in GHPS at Mallanakatte Village.
Year	Corporate Environmental Responsibility (CER)														
1st	Providing solar power panels to the GHPS school at Mallanakatte Village.														
2nd	Rain water harvesting pits to Mallanakatte Village.														
3rd	Avenue plantation either side of the approach road near Quarry site & Repair of road With drainages														
4th	Conducting E-waste drive campaigns in GHPS at Mallanakatte Village.														
5th	Health camp in GHPS at Mallanakatte Village.														
12	EMP Budget	Rs.41.73 lakhs (Capital Cost) & Rs.7.02 lakhs (Recurring cost)													
13	Forest NOC	02.11.2015													
14	Quarry plan	27.09.2023													
15	Cluster certificate	03.08.2023													
16	Notification	14.12.2017													
17	Revenue	29.06.2016													
18	JIR	29.06.2015													

The subject was discussed in the SEAC meeting held on 17<sup>TH</sup> November 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed the Committee that

the proposed area is a Government Land and earlier workings are carried out by locals and till date no mining activities is carried out by the proponent and hence justified that the proposed project does not attract violation. The Committee noted the clarification.

As per the cluster sketch there are another 10 leases in a radius of 500 mtr from the said lease, out of which 03 leases are exempted from cluster, as they were granted prior to 09.09.2013 and one lease is exempted from the cluster as EC was issued prior to 15.01.2016 and 2 leases are only notified and the total area of the remaining leases including the applied lease is 7-20 Acres and hence the project is categorized as B2.

There is an existing cart track road to a length of 830 meters connecting lease area to the all-weather black topped road. The Committee informed that quarrying should be commenced after asphaltting the approach road to the quarry and road connecting the crusher as per IRC standard norms and should grow trees all along the approach road, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise which are all within the permissible limits. The Proponent informed that all mitigative measures will be taken to ensure that the parameters will be maintained within the permissible limits.

The Committee noted that the baseline parameters are found to be within permissible limits and agreed with the approved quarry plan with proved mineable reserve of 7,67,070 tons (including waste) and estimated the life of mine to be 15 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 52,632 ton/ Annum (including waste), with following consideration,

1. Proponent agreed to asphalt the approach road to the quarry and road connecting the crusher as per IRC norms.
2. To grow trees all along the approach road during the first year of operation.
3. Proponent agreed to carry out regular health checkup for the workers in the near by Hospital.
4. Proponent agreed to handle the waste generated by obtaining necessary permission.

The Authority perused the proposal and took note of the recommendation of SEAC.

*The Authority after discussion decided to clear the proposal for issue of Environmental Clearance subject to following:*

1. *If the distance of nearest Protected Area (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor) is within 10 KM, a certificate from the Chief Wild Life Warden (CWLW) along with his recommendation, else a certificate from the proponent that the proposed site is more than 10 KM away from any Protection Authority (PA) (National Park/ Sanctuary/Bio sphere reserve/ migratory corridor).*

2. *Safety measures proposed shall be submitted.*
3. *A time bound action plan for implementation of proposed CER activities as a part of EMP shall be furnished.*
4. *Since there is substantial quantity of generation of waste from the quarry activity, all due precautions with respect to environment management aspects of waste dump shall be observed.*

**Additional Conditions:**

1. *The PP should get the health check-up done for the quarry workers on half yearly basis and submit report periodically.*
2. *The PP shall provide protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects.*
3. *The PP shall provide proper sanitary facilities for the colony/work place. Domestic waste generated should be disposed in a scientific manner. Proper first aid facilities and health care facilities should be provided for the workers.*
4. *Dust suppression measures have to be strictly followed.*
5. *The PP shall maintain and upkeep the approach road so as to minimize dust pollution.*
6. *The PP shall grow trees all along the approach road & buffer zone during the first year of operation*
7. *The PP shall comply with the request of public, expressed during public hearing.*
8. *The PP shall handle waste generated by obtaining necessary permission.*
9. *The PP shall carry out regular health checkup for the workers in the nearby Hospital.*

**249.2. Recommended by SEAC for issue ToR,**

**249.2.1. Proposed Development of Coastal Berth at Hangarkatte, Udupi District by Executive Engineer Port & Fisheries Division Udupi - Online Proposal No.SIA/KA/INFRA1/440811/2023 (SEIAA 43 IND 2023)**

Executive Engineer Port & Fisheries Division Udupi have applied for Environmental clearance from SEIAA for Proposed Development of Coastal Berth at Hangarkatte, Udupi District.

The subject was discussed in the SEAC meeting held on 17<sup>th</sup> November 2023. The Committee has recommended to SEIAA for issue of Standard ToR and the extract of the proceedings of the Committee meeting is as below:



The proposal was considered in 304<sup>th</sup> SEAC meeting and the Committee had deferred the proposal informing the following,

*“The proposal is for EC under category 7(e) of the EIA Notification 2006, for construction of costal berth at Hangarkatte. The Proponent informed the Committee that they had proposed for capital dredging of 4,61,250 cum, construction of costal berth, backup yard, block wall etc.*

*The Committee during scoping of the project sought details regarding CRZ map duly demarcated by authorized agency showing the project activity. The Proponent informed the Committee that they will come back after obtaining the CRZ map duly demarcated by authorized agency showing the project activity. Hence, the Committee after discussion decided to defer the project.”*

In the present meeting the Proponent submitted the CRZ map duly demarketing in the project site area certified by authorized agency vide date 08.11.2023. The Committee noted the details.

However, the Proponent was also advised to examine whether a Composite Clearance (EC & CRZ) from MoEF & CC needs to be taken for the said project, the Committee decided to recommend the proposal to SEIAA for issue of standard ToR along with the following additional ToR to conduct EIA studies along with Public Hearing.

1. CRZ clearance for proposed Jetty and for disposal of dredging material
2. Details EC and CRZ clearance for existing facility
3. Detailed report of Bathymetric study
4. Detailed report of vessel tranquility study
5. Details of impact of the proposed project on fishing
6. Cargo handling details
7. Details of R&R
8. Traffic studies
9. Marking of the proposed area on village map and land documents.
10. Site specific CER activities.

The Authority perused the proposal and took note of the recommendation of SEAC.

*The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.*



**249.2.2 Proposed Development of Coastal Berth at Gangolli, Udupi District by Executive Engineer Port & Fisheries Division Udupi - Online Proposal No.SIA/KA/INFRA1/440495/2023 (SEIAA 44 IND 2023)**

Executive Engineer Port & Fisheries Division Udupi have applied for Environmental clearance from SEIAA for Proposed Development of Coastal Berth at Gangolli, Udupi District

The subject was discussed in the SEAC meeting held on 17<sup>th</sup> November 2023. The Committee has recommended to SEIAA for issue of Standard ToR and the extract of the proceedings of the Committee meeting is as below:

The proposal was considered in 304<sup>th</sup> SEAC meeting and the Committee had deferred the proposal informing the following,

*"The proposal is for EC under category 7(e) of the EIA Notification 2006, for construction of costal berth at Hangarkatte. The Proponent informed the Committee that they had proposed for capital dredging of 4.5 lakh cum, construction of costal berth, backup yard, shore protection structure etc.*

*The Committee during scoping of the project sought details regarding CRZ map duly demarcated by authorized agency showing the project activity. The Proponent informed the Committee that they will come back after obtaining the CRZ map duly demarcated by authorized agency showing the project activity. Hence, the Committee after discussion decided to defer the project."*

In the present meeting the Proponent submitted the CRZ map duly demarcating in the project site area certified by authorized agency vide date 06.11.2023. The Committee noted the details.

However, the Proponent was also advised to examine whether a Composite Clearance (EC & CRZ) from MoEF & CC needs to be taken for the said project, the Committee decided to recommend the proposal to SEIAA for issue of standard ToR along with the following additional ToR to conduct EIA studies along with Public Hearing.

1. CRZ clearance for proposed Jetty and for disposal of dredging material
2. Details EC and CRZ clearance for existing facility
3. Detailed report of Bathymetric study
4. Detailed report of vessel tranquility study
5. Details of impact of the proposed project on fishing
6. Cargo handling details

7. Details of R&R
8. Traffic studies
9. Marking of the proposed area on village map and land documents.
10. Site specific CER activities.

The Authority perused the proposal and took note of the recommendation of SEAC.

*The Authority perused the proposal and took note of the recommendation made by SEAC. The Authority after discussion decided to issue standard ToR along with additional ToR as recommended by SEAC for conducting the Environment Impact Assessment study in accordance with EIA Notification, 2006.*

**249.3. Recommended by SEAC for Closure,**

**249.3.1. Proposing for Establishment of Galvanized Pipes of 30,000 TPA and Mild Steel/Electric Resistance Welded (ERW) Pipes/Tubes of 75,000 TPA Manufacturing Unit at survey number 32/1, 32/1 and 34 of Hejmadi Village, Kapu Taluk, Udupi District by M/s. Jaihind Tubes Pvt. Ltd. - Online Proposal No. SIA/KA/IND1/450827/2023 (SEIAA 49 IND 2023)**

M/s. Jaihind Tubes Pvt. Ltd have applied for Environmental clearance from SEIAA for Proposing for Establishment of Galvanized Pipes of 30,000 TPA and Mild Steel/Electric Resistance Welded (ERW) Pipes/Tubes of 75,000 TPA Manufacturing Unit at survey number 32/1, 32/1 and 34 of Hejmadi Village, Kapu Taluk, Udupi District.

The subject was discussed in the SEAC meeting held on 17<sup>th</sup> November 2023 and the extract of the proceedings of the Committee meeting is as below:

The Proponent informed that the proposal is for establishment of galvanized pipes of 30,000 TPA and Mild Steel and Electric Resistance Welded (ERW) Pipes / Tubes of 75,000 TPA Manufacturing Unit and informed the Committee that the proposed project is not under the purview of EIA Notification, 2006 as the proposed process do not fall under the schedule 3(a) of the notification as in the proposed manufacturing process the raw material used is steel rolled and only welding and galvanization process is involved.

Further, the Proponent informed that as per MoEF&CC O.M dated 20<sup>th</sup> April, 2023 (File No: IA3-22/6/2023-IA.III [E-204444]), Metallurgical industries which are covered under item 3(a) of the schedule of the Environment Impact Assessment (EIA) Notification, 2006 having non-toxic secondary metallurgical processing Industries with production capacity >5000 tones per annum require prior Environmental Clearance (EC) from the State Level Environment Impact Assessment Authority (SEIAA) only in case of secondary metallurgical processing Industrial Units, involving operation of furnaces



only such as induction/ electric arc/ submerged arc/ cupola with capacity more than 30,000 tones per annum, would require prior EC and as per the Ministry request it was examined by the sectoral Expert Appraisal Committee (EAC) based on the report/inputs from National Institute of Secondary Steel Technology, Mandi Gobind garh, Punjab. After due deliberation, the sectoral EAC recommended that manufacturing of welded pipes and seamless tubes are not secondary metallurgical process, have low pollution load, and are neither covered under the ambit of EIA, Notification, 2006, as amended from time to time, nor the EIA Technical Guidance Manual for Metallurgical Industries issued by this Ministry. The EAC further recommended that necessary clarification be issued accordingly, regarding non-requirement of EC for the following two processes:

- a). Fabrication units of different types of pipes & tubes (viz. electrical resistance welding pipes, spiral welded pipes, longitudinal welded, sub-merged ARC welded pipes, stainless steel welded Pipes) through welding process from carbon steel coil (HRC) & Plates and Stainless-steel coils & plates.
- b). Fabrication Units of Stainless-steel Seamless Tubes, from stainless-steel bright round bars through hollow pipe hot horizontal press process.

Hence, the proponent requested that the Committee to exempt the proposed industry from obtaining EC as the proposed project do not involve any rolling / rerolling and furnaces.

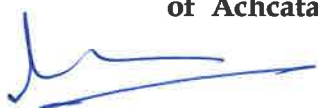
The Committee after discussion opined that as there is no rolling / rerolling and furnaces is involved in the manufacturing process the proposal may be exempted from obtaining EC. The Committee decided to recommend the proposal to SEIAA for further necessary action with a consideration to Proponent to obtain all other statutory clearances before establishment of unit.

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to close the file and delist the file from the pendency.

**249.4. Recommended by SEAC for issue Modification of EC,**

**249.4.1. Expansion of Assembling of Smart Phones and Printed Circuit Boards (PCB) Factory at Sy.Nos. 43/1, 43/2, 43/3, 111, 112/1, 112/2, 113, 115, 117/1, 117/3, 117/4, 118/1, 118/2, 120/1, 120/2, 121/1, 121/2, 121/3, 122, 123, 124 and 125 of Achcatanahalli Village, Narasapura Hobli, Kolar Taluk & District by**



**M/s. Wistron Infocomm Manufacturing (India) Pvt. Ltd. - Online Proposal  
No.SIA/KA/INFRA2/406710/2022 (SEIAA 151 CON (VIOL) 2022).**

M/s. Wistron Infocomm Manufacturing (India) Pvt. Ltd have applied for Environmental clearance from SEIAA for Expansion of Assembling of Smart Phones and Printed Circuit Boards (PCB) Factory at Sy.Nos. 43/1, 43/2, 43/3, 111, 112/1, 112/2, 113, 115, 117/1, 117/3, 117/4, 118/1, 118/2, 120/1, 120/2, 121/1, 121/2, 121/3, 122, 123, 124 and 125 of Achcatanahalli Village, Narasapura Hobli, Kolar Taluk & District.

The subject was discussed in the SEAC meeting held on 17<sup>TH</sup> April 2023. The Committee has recommended to SEIAA for issue of modification of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for modification of EC, for which SEIAA had issued EC on date: 18/04/2023 under schedule 8(b) of EIA Notification, 2006 in violation category for Built up area of 1,84,567.03 Sq.mt. in plot area 1,82,311.1 Sq.mt.

The Proponent sought the following modification to the earlier EC,

Sl. No.	Particulars	As per EC (SEIAA CON (VIOL) 2022)	Amendment required	Remarks
1.	Survey Numbers	As per the subject in EC, the survey numbers mentioned are 43/1, 43/2, 43/3, 111, 112/1, 112/2, 113, 115, 117/1, 117/3, 117/4, 118/1, 118/2, 120/1, 120/2, 121/1, 121/2, 121/3, 122, 123, 124, and 125 of Achchathanahalli Village, Narasapura Hobli, Kolar Taluk & Kolar District	Earlier while obtaining the environmental clearance, we have mentioned the site area of 1,82,311.1 sq.mts at sy no. 43/1, 43/2, 43/3, 111, 112/1, 112/2, 113, 115, 116, 117/1, 117/3, 117/4, 118/1, 118/2, 120/1, 120/2, 121/1, 121/2, 121/3, 122, 123, 124, and 125 of Achchathanahalli Village, Narasapura Hobli, Kolar Taluk &	Seeking amendment to subject in EC, the wording "Expansion of assembling of smart phonesand Printed Circuit Boards (PCB)Factory, at Sy Nos. 43/1, 43/2, 43/3, 111, 112/1, 112/2, 113, 115, 117/1, 117/3, 117/4, 118/1, 118/2, 120/1, 120/2, 121/1, 121/2, 121/3, 122, 123, 124, and 125 of Achchathanahalli Village, Narasapura Hobli, Kolar Taluk & District by M/s. Wistron Infocomm Manufacturing (India) Pvt. Ltd - Issue of

Sl. No.	Particulars	As per EC (SEIAA CON (VIOL) 2022)	Amendment required	Remarks
			<p>Kolar District, Karnataka.</p> <p>We have mentioned the same in EIA report and layout plan but in the environmental clearance the sy no. 116 is missing which require to be updated,</p>	<p><i>Environmental Clearance - Reg"</i> needs to be changed to: <i>"Expansion of Assembling of Smart Phones from 70,56,000 pcs/annum to 1,44,36,000 pcs/annum and Manufacturing of Printed Circuit Boards (PCB) from 72,28,800 pcs/annum to 1,46,08,800 pcs/annum Factory, located at Survey Nos. 43/1, 43/2, 43/3, 111, 112/1, 112/2, 113, 115, 116, 117/1, 117/3, 117/4, 118/1, 118/2, 120/1, 120/2, 121/1, 121/2, 121/3, 122, 123, 124, and 125 of Achchathanahalli Village, Narasapura Hobli, Kolar Taluk &amp; Kolar District, Karnataka by M/s. Wistron Infocomm Manufacturing (India) Pvt Ltd - Issue of Environmental Clearance - Reg"</i>.</p>
2.	Manufacturing capacity	As per the point (3) in EC, the manufacturing capacity of Assembling of smart phone and Printed Circuit Boards (PCB)	The capacities of Assembling of Smart Phones is 1,44,36,000 pcs/annum and Manufacturing of Printed Circuit Boards (PCB) is 1,46,08,800	Seeking amendment to point (3) in EC in Page 2, Line 2: The sentence needs to be modified as <i>"Expansion of Assembling of Smart Phones from 70,56,000 pcs/annum to 1,44,36,000 pcs/annum</i>





Sl. No.	Particulars	As per EC (SEIAA CON (VIOL) 2022)	Amendment required	Remarks
		is not mentioned.	pcs/annum.	<i>and Manufacturing of Printed Circuit Boards (PCB) from 72,28,800 pcs/annum to 1,46,08,800 pcs/annum Factory".</i>
3.	Water Consumption.	As per point (3) in EC, total water consumption is 2,126.13 KLD (fresh water + recycled water). The total wastewater discharge is 1,262.25 KLD.	<p>Industry is accommodating IT experts in the facility which is increasing the power additionally 500 numbers. In this regard, the manpower is increasing from 33,000 no's to 33,500 no's. Hence, the water consumption has been increased. The total water requirement is 2,148.63 KLD (Fresh water requirement is 1,005.1 KLD and Recycled water requirement is 1,143.53 KLD)</p> <ul style="list-style-type: none"> <li>➤ Industrial- 397.6 KLD,</li> <li>➤ Domestic- 1,507.5 KLD</li> <li>➤ Gardening- 243.53 KLD</li> </ul> <p>The total wastewater discharge is 1,281.48 KLD (Domestic</p>	Seeking amendment to point (3) in EC in Page 2, Line 7: The sentence needs to be modified as <i>"The total water requirement is 2,148.63 KLD of which freshwater requirement is 1,005.1 KLD and recycled water requirement is 1,143.53 KLD and the total wastewater discharge is 1,281.48 KLD (Domestic sewage- 1,281.38 KLD &amp; Effluent- 0.1 KLD)".</i>

Sl. No.	Particulars	As per EC (SEIAA CON (VIOL) 2022)	Amendment required	Remarks
			sewage- 1,281.38 KLD & Effluent- 0.1 KLD). Existing STP is sufficient to treat the sewage generated.	
4.	Number of DG sets	As per point (3) in EC, the existing DG sets are 3X2080 KVA and proposed are 5X2080 KVA.	As there is requirement of additional DG sets of capacity 2X2080 KVA.  Total number of DG sets will be 10x2080 KVA	Seeking amendment to point (3) in EC in Page 3, Line 4: The sentence needs to be modified as, "The project shall have DG sets of 10 no's X 2080 KVA as alternative source of power supply".
5.	Project cost	As per point (3) in EC, the proposed project cost is mentioned as 438.6 crores.	The total project is 865.38 crores. The breakup of the total project cost is given below,  ➤ Old Investment - 420.78 crores ➤ Proposed for EC- 438.6 crores ➤ DG cost- 6 crores	Seeking amendment to point (3) in EC in Page 3, Line 8: The sentence needs to be modified as, "The total project cost is 865.38 crores (Existing- 420.78 crores, proposed for EC- 438.6 crores and EC amendment-6 crores)".

The Committee noted the modifications requested by the proponent for the already issued EC. The Committee after discussion opined that the proposal was appraised under category 8(b) as Township and area development project and had not as a manufacturing industrial process.

Hence, the Committee after discussion decided to recommend the proposal for modification to EC only for incorporating the Sy.No."116" though the Proponent had

applied for EC including the Sy.No. "116" in the earlier EC application the Sy.No.116 had not mentioned in the EC issued with all other EC conditions remaining the same,

The Authority perused the proposal and took note of the recommendation of SEAC.

The Authority after discussion decided to clear the proposal for issue for modification to EC only for incorporating the Sy.No."116" though the Proponent had applied for EC including the Sy.No. "116" in the earlier EC application the Sy.No.116 had not mentioned in the EC issued with all other EC conditions remaining the same,

**249.4.2. Residential Development is proposed to be developed at Sy.No.248/2 (Old No.43/29), Kambipura Village, Kengeri Hobli, Bengaluru South Taluk, Bengaluru (U) by M/s. Brigade Enterprises Limited - Online Proposal No. SIA/KA/MIS/306445/2023 (SEIAA 37 CON 2018).**

M/s. Brigade Enterprises Limited have applied for Environmental clearance from SEIAA for Residential Development is proposed to be developed at Sy.No.248/2 (Old No.43/29), Kambipura Village, Kengeri Hobli, Bengaluru South Taluk, Bengaluru (U).

The subject was discussed in the SEAC meeting held on 17<sup>th</sup> November 2023. The Committee has recommended to SEIAA for issue of EC and the extract of the proceedings of the Committee meeting is as below:

The proposal is for obtaining modification of EC, for the EC issued by SEIAA on 10.04.2018 for BUA of 45,324.88 Sq.mt (B+G+3UF) in plot area of 16,187.44 Sq.mt. The Proponent submitted the comparative statement informing about the proposed modification,

Sl. No.	Particulars	Description		Remarks
		As per EC	As per Corrigendum to EC	
1	Plot Area (Developable Area)	16,187.44Sq.m (4 Acres)		No Change
2	Total Built up Area	45,324.88 Sq.m		No Change
3	Landscape Area	5,341.85 Sq.m		No Change
4	Total Occupancy	336 Dwelling Units with about 1,620 People		No Change
5	Maximum number of levels	All 16 Blocks comprising of Basement, Ground & 3 Upper Floors	14 Blocks comprising of Basement + Ground + 4 Upper floors and	Basement Floor in 2 blocks is removed. Ground floor in 2 blocks is used for



			2 Blocks comprising of Ground Floor + 4 Upper Floors	parking 1 upper floor (4th Floor) has been added in all blocks.
6	Height of Building	15m		No Change
7	Parking Facilities	351 Car Parks		No Change
8	Water requirement	225 KLD		No Change
9	Sources of Water supply	Borewell + Rooftop Rainwater + Treated Water (for Flushing)		No Change
10	Wastewater Generation	203 KLD		No Change
11	Sewage Treatment Plant	210KLD X 1No.		No Change
12	Sewage Treatment Technology	Sequential Batch Reactor (SBR) - followed by Ultra-Filtration & Disinfection		No Change
13	Use of Treated Water	For Landscape & Toilet Flushing		No Change
14	Power Requirement	3000 kVA		No Change
15	Source of Power supply	BESCOM		No Change
16	Backup Power	500 kVA x 3 Nos.		No Change
17	Fuel for DG Sets	High Speed Diesel (HSD) with Sulphur content 10ppm		No Change
18	Renewable Energy	Solar landscape lighting and internal street lighting		No Change
19	Municipal Solid Waste generation	Organic Waste: 405 kg/day, Inorganic Waste: 324 kg/day E-Waste - 200 kg/annum - Authorized agencies Hazardous Waste - 500 kg/annum - Authorized agencies STP Sludge- 15kg/day-Manure		No Change
20	Community Amenities	ATMs, Gym, Round the clock Security, Landscape Area, Uninterrupted Power Supply, etc.		No Change
21	Rainwater Harvesting	120cum Rooftop Rainwater Harvesting Sump and 19 Recharge Pits		No Change

The Committee sought clarification regarding the proposed modification. Accordingly, the Proponent submitted the following clarification,





1. The project site is sloping by about 10m in East to West direction and this slope is used for construction of Basement Floor meant for Car Parking. In the process of construction, there are 2 blocks of the 16 blocks where the construction of this Parking space is above the average ground floor and is termed as Stilt floor in the BDA Plan Sanction. The purpose of this floor is Car Parking Only, and it is inline with the existing ground level. Since the proposed floor is used for Car Parking there is no Violation to the existing EC.
2. The project has been redesigned to achieve more open spaces for use of amenities such as swimming pool, open air gym, children's play area, amphitheater etc. In the process, the floor areas of all the upper floors have reduced. The available floor area due to shrinkage in the building footprint is consolidated and is proposed to construct 1 additional floor (4<sup>th</sup> Floor) without changing the total height and BUA of the buildings. The Floor-to-floor height of the project is reduced from 3.74m to 2.94m to maintain the height of the buildings to 15m and at the same time to achieve 4<sup>th</sup> Floor in the project and justified with the comparison of the Area Statement below,

Sl. No.	Floor Name	Built-up Area As per EC in Sq.m	Built-up Area As per Proposed Modification	Remarks
1	Basement Floor (Parking)	12,950.00	12,950 (11,331.25Sq.m for 14 blocks with Basement Floor + 1,618.75Sq.m for 2 blocks above Ground Level)	No Change in Built-up Area
2	Ground Floor	8,673.61	7,122.47	Reduction of 1,551.13Sq.m
3	First Floor	6,668.13	6,313.10	Reduction of 3,55.028Sq.m
4	Second Floor	8,410.6	6,313.10	Reduction of 2,097.49Sq.m
5	Third Floor	8,622.54	6,313.10	Reduction of 2,309.43Sq.m
6	Fourth Floor	0.0	6,313.10	New Floor
	<b>Total Area in Sq.m</b>	<b>45,324.88</b>	<b>45,324.88</b>	<b>No Change</b>

The Proponent in reference to the above table, informed that the reduction in all the upper floor areas and is cumulatively added to the proposed Fourth Floor of the project and also informed that there is no change in Built-up Area, Site Area, No. of Units, Water Demand, Sewage Generation, STP Capacity, Waste generation, etc. and requested the Committee to issue Modification to the Environment Clearance.





The Committee noted the modifications requested by the Proponent for the EC issued and as there is no change in the BUA, No. of Units, Water Demand, Sewage Generation, STP Capacity, Waste generation, etc. in the proposed project, the Committee after discussion decided to recommend the proposal for changes in EC for "14 Blocks comprising of Basement + Ground + 4 Upper floors and 2 Blocks comprising of Ground Floor + 4 Upper Floors" and with all other EC conditions remaining the same,

The Authority perused the proposal and took note of the recommendation of SEAC.

*The Authority after discussion decided to clear the proposal for issue for modification to EC for "14 Blocks comprising of Basement + Ground + 4 Upper floors and 2 Blocks comprising of Ground Floor + 4 Upper Floors" and with all other EC conditions remaining the same.*

**249.4.3. Enhancement of salary for the staff of SEIAA - Request regarding and authorizing Secretary to Government, Ecology and Environment Department for meeting expenses towards payment of salary and other administrative costs in the absence of the Authority-reg**

The Member Secretary placed the request of staff hired from manpower Agency. The Authority perused the request and opined that hike is justifiable in view of the rise in prices including the transport and in view of the hard work turned out by the staff of the Authority. The Authority therefore decided to raise the salary as per the recent orders of labour Department.

Further, The Authority noted that the term of the reconstituted Authority is coming to an end on 19.11.2023. The Authority therefore decided to authorize the Principal Secretary to Government, Department of Ecology and Environment to operate the Bank Accounts of the Authority on behalf of the Member Secretary, SEIAA for meeting expenses towards payment of salary and other administrative costs.

**249.4.4. Revision of fee for Processing Files pertaining to Environmental Clearances, Transfer of EC, Corrigendum to EC and Extension of EC validity**

The State Level Environment Impact Assessment Authority is collecting Processing Fee on applications seeking Environmental Clearance, Transfer of EC, Corrigendum to EC and Extension of EC validity as per Government Order No. FEE 46 EPC 2013, dated 10.05.2013 & FEE 132 EPC 2020 dated 08.12.2020 & 06.09.2021.

The Authority opined that the processing fee may be revised considering the present nature and cost of the project. Accordingly, the Authority after discussion decided to correspond with the Principle Secretary to GOK, Forest, Environment and Ecology for necessary Action.

**249.4.5. Remarks by the Chairman and Member, SEIAA:**

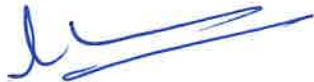
The Chairman SEIAA, Karnataka Dr. K. R. Sree Harsha and Member, SEIAA, Shri. K. N. Shivalinge Gowda expressed gratitude and thanks to the team of SEIAA. They specially thanked the Member Secretary Shri. B. P. Ravi, IFS for continuous support and guidance in performance of the functions of the Authority. They placed on record sincere thanks to the earlier Member Secretaries, Shri. VijayaKumar Gogi, IFS, Shri Brijesh Kumar, IFS and Shri Vijay Mohan Raj, IFS for their support.

The Chairman & Member, SEIAA also thanked Sri. Venugopal V, the Chairman SEAC, Sri. Gokul. R. IFS, Member Secretary, SEAC, Smt. Saswathi Mishra IFS., and all other members of SEAC Karnataka for their critical evaluation of all the projects during appraisal. The authority also thanked Scientific Officers Sri. Kiran Kumar B.S & Sri. Suhas H.S and all other supporting staff of SEIAA, Karnataka for their dedicated effort and sincere hard work rendered during the term of the Authority.

The Member Secretary, Shri. B. P. Ravi, IFS, thanked Dr. K. R. Sree Harsha Chairman, SEIAA and Shri. K. N. Shivalinge Gowda, Member SEIAA for their valuable time and guidance provided during the deliberations of the Authority and also while meeting the intended objectives of the Authority in an unblemished manner.

The Authority concluded the meeting with thanks to all the officers and staff of the Authority for extending all the support to the Authority for performing the assigned functions.

Meeting concluded with thanks to the Chair.



(Dr. K. R. Sree Harsha)  
Chairman,  
SEIAA, Karnataka



(K. N. Shivalinge Gowda)  
Member,  
SEIAA, Karnataka



(B. P. Ravi, IFS)  
Member Secretary,  
SEIAA, Karnataka