Proceedings of the 309th SEAC Meeting held on 17th November - 2023

Members present in the meeting held on 17th November - 2023

1.	Shri. Venugopal V	Chairman
2.	Dr. Shekar H.S	Member
3.	Dr. J.B Raj	Member
4.	Shri. Nanda Kishore	Member
5.	Dr. S.K. Gali	Member
6.	Shri. Vyshak V Anand	Member
7.	Shri. Dinesh MC	Member
8.	Shri. Devegowda Raju	Member
9.	Shri.Sharanabasava Chandrashekhar Pilli	Member
10.	Shri. J G Kaveriappa	Member
11.	Shri. Mahendra Kumar M C	Member
12.	Shri. B V ByraReddy	Member
13.	Dr.SarvamangalaR. Patil	Member
14.	Shri. B. Ramasubba Reddy	Member
15.	Shri. R Gokul, IFS	Member Secretary

Officials Present

1	Suhas H S	Sc O
2	Adil B	Sc O

The Chairman welcomed the members and initiated the discussion. The proceedings of the 308th SEAC meeting held on 15th November 2023 was read and confirmed.

Fresh Projects

309.1 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)

About the project:

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)
		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/Renewal	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	4-17 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 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 asphalting 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.

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

309.2 Black Granite Quarry Project at 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)

About the project:

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)
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

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"

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 asphalting 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.

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

309.3 ToR: 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)

The proposal was considered in 304th 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.

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

309.4 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)

The proposal was considered in 304th 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 demarketing 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.

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

With Perimission of the Chair

309.5 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)

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 vilation 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. 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 & Kolar District. 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,	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 Environmental Clearance - Reg*" needs to be changed to: "*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*

Sl. No.	Particulars	As per EC (SEIAA CON (VIOL) 2022)	Amendment required	Remarks
				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 & Kolar District, Karnataka by M/s. Wistron Infocomm Manufacturing (India) Pvt Ltd - Issue of Environmental Clearance - Reg"".
2.	Manufacturing capacity	As per the point (3) in EC, the manufacturing capacity of Assembling of smart phone and Printed Circuit Boards (PCB) is not mentioned.	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 pcs/annum.	Seeking amendment to point (3) in EC in Page 2, Line 2: The sentence needs to be modified as "*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*".
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.	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) ➢ Industrial- 397.6 KLD, ➢ Domestic- 1,507.5 KLD ➢ Gardening- 243.53 KLD The total wastewater	Seeking amendment to point (3) in EC in Page 2, Line 7: The sentence needs to be modified as "*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 & Effluent- 0.1 KLD)*".

Sl. No.	Particulars	As per EC (SEIAA CON (VIOL) 2022)	Amendment required	Remarks
			discharge is 1,281.48 KLD (Domestic 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 developemnet project and not as a manufacturing industrial process.

Hence, the Committee after discussion decided to recommend the proposal for modification to EC only for incorporating Sy.No."116" as the Proponent applied for EC including the Sy.No. "116" in the earlier EC application but Sy.No.116 had not been mentioned in the EC issued, with all other EC conditions remaining the same.

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

309.6 ToR: 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)

The Proponent informed that the proposal is for establishment of galvanized pipes of 30,000 TPA and Mild Steel and Electrict 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 20th 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 Gobindgarh, Punjab. After due deliberation, the sectoral EAC recommended that manufacturing of welded pipes and seamless tubes are not secondarymetallurgical process, have low pollution load, and are neither covered under the ambitof 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 resistancewelding pipes, spiral welded pipes, longitudinal welded, sub-merged ARCwelded pipes, stainless steel welded Pipes) through welding process from carbonsteel coil (HRC) & Plates and Stainless-steel coils & plates.

b). Fabrication Units of Stainless-steel Seamless Tubes, from stainless-steel brightround 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.

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

309.7 Residential Apartment Project at 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)

About the project:

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 • Permissible • Proposed	 2.75 2.748
9		Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors]	Constructed: 9 Blocks: 2B+G+20UF Underconstructed: 4 Blocks: 2B+G+20UF Total : 13 Blocks: 2B+G+20UF- 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/daywill 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 asphalting &Development of Footpath along the roads nearthe project. 5) Infrastructure development of Mallasandra govt school
22		EMP • Construction phase • Operation Phase	 6.23 crore 0.42 crore

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 the Committee that presently they have completed the BUA of 1,89,503.36 Sq.mt. involving 2BF+GF+20UF and had stopped the construction activity post 2014 and have now proposed 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 after the expiry of EC.

The Committee sought clarification regarding the construction of 2 Basement floors instead of a basement floor. The Proponent clarified to the Committee that, earler when the project was applied for Environmental Clearance at MoEF office Delhi, on 27.07.2006 under EIA Notification 1994, MoEF&CC was not considering the basement area for calcualation of Built up area and had issued EC on 04.05.2007 with configuration of B + G + 18 Upper Floors with term "B" as indicative for basement. Further, Bangalore Mysore Infrastructure Corridor Area Planning Authority (BMICAPA) while sanctioning the plan vide No.BMICAPA (23) APARTMENT: 110:2006-2007 dated 18.08.2006, 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. The EC was issued on 10.02.2012 for expansion for two upper floors with configuration as B+G+20 Upper Floor without considering the area of basement. In Gazette issued by Government of India on 04.04.2011, clarity was provided for inclusion of basement in the Built Up Area calculation. Accordingly, at present the proposal has been submitted detailing two levels of basement based on the clarification provided in Gazette dated:04.04.2011 and thus have not violated EC condition as the configuration "B" is only indicative of proposal of Basement and number of levels had not been mentioned 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 after inspection the MoEF&CC had issued CCR by dated:26.06.2023 and have not mentioned any violation in the project.

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.

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

309.8 Building Stone Quarry Project at 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)

About the project:

<table>
<tr><th>Sl.No</th><th>PARTICULARS</th><th>INFORMATION PROVIDED BY PP</th></tr>
<tr><td>1</td><td>Name & Address of the Projects Proponent</td><td>Sri B M Shadakshari</td></tr>
<tr><td>2</td><td>Name & Location of the Project</td><td>Building Stone Quarry Project at Sy.No.03(P) of Mallanakatte Village, Kasaba Hobli, Chitradurga Taluk, Chitradurga District (2-00 Acres)
<table>
<tr><th>Latitude</th><th>Longitude</th></tr>
<tr><td>N 14° 15'28.7"</td><td>E 76° 22' 25.4"</td></tr>
<tr><td>N 14° 15' 24.1"</td><td>E 76° 22' 25.3"</td></tr>
<tr><td>N 14° 15' 24.1"</td><td>E 76° 22' 23.5"</td></tr>
<tr><td>N 14° 15' 28.7"</td><td>E 76° 22' 23.3"</td></tr>
</table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Building Stone Quarry</td></tr>
<tr><td>4</td><td>New/Expansion/Modification/Renewal</td><td>New</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Government</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>2-00 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>52,632 Tones/ Annum (including waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.20 Crores (Rs.120 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>7,67,070 Tones (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>50,000 Tones / Annum (excluding waste)</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:
<table>
<tr><th>Year</th><th>Corporate Environmental Responsibility (CER)</th></tr>
<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 & 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>
</table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs.41.73 lakhs (Capital Cost) & Rs.7.02 lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Forest NOC</td><td>02.11.2015</td></tr>
<tr><td>14</td><td>Quarry plan</td><td>27.09.2023</td></tr>
<tr><td>15</td><td>Cluster certificate</td><td>03.08.2023</td></tr>
<tr><td>16</td><td>Notification</td><td>14.12.2017</td></tr>
<tr><td>17</td><td>Revenue</td><td>29.06.2016</td></tr>
<tr><td>18</td><td>JIR</td><td>29.06.2015</td></tr>
</table>

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 have been carried out by locals and till date no mining activity has been done 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 asphalting 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.

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

309.9 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)

The proposal is for obtaining modification of EC, for which EC was 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 2 Blocks comprising of Ground Floor + 4 Upper Floors	Basement Floor in 2 blocks is removed. Ground floor in 2 blocks is used for 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 from East to West direction and this slope has been 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 (4th 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 4th 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 + 1,618.75 Sq.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
	Total Area in Sq.m	**45,324.88**	**45,324.88**	**No Change**

The Proponent in reference to the above table, informed that the reduction in all the upper floor areas 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 modification 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" with all other EC conditions remaining the same,

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

309.10 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/INFRA2/450224/2023 (SEIAA 49 CON (VIOL) 2023)

About the project:

Sl. No	PARTICULARS	INFORMATIONPROVIDED 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 • Permissible • Proposed	 2 0.75

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

Sl No.	Block	Configuration	Revised Configuration	Built Up Area sq m	Proposed Additional BUA (sq m)	Remarks
EXISITNG BUILDINGS IN THE MEDICAL COLLEGE AND HOSPITAL CAMPUS						
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	Annapurna Mess	G+1 floor	G+2 floors	2,199	1,100	1 Additional floor added
7	Netravati – Dormitory	G+1 floor	G+3 Floors	1,409	1,409	2 Additional floors added
8	Nursing Hostel – Shantiniketan	G+3 Floors	No Change	4,490	No Change	-

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

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 wasteand or Excavated earth	No demolition activities proposed. Construction debris:750 cum
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	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			
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	
d.	Quantity of E waste generation and mode of Disposal as per norms	-

Waste category	Hazardous waste Generated	Quantity	Methodofhandling
5.1	Used oil from DG Sets	0.5 KL/Annum	Shall be collected in leak proof containers and disposed to KSPCB authorized re-processors
5.2	Waste residues containing oil	0.5 MT/annum	Shall be collected in leak proof containers and disposed to Incinerator.

19	POWER	
a.	Total Power Requirement - Operational Phase	1250 kW
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	

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 • Construction phase • Operation Phase	• Construction phase ✓ Capital cost - Rs. 1,05,60,000/- ✓ Recurring cost- Rs.26,40,000/- • Operation Phase ✓ Capital cost- Rs. 44,00,000/- ✓ Recurring cost Rs.39,60,000/-

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 1380 beds. For the existing construction the plan was approved by Town Planning on 20.12.2012 and had obtained CFO from KSPCB on 14.11.2022.

The Committee initially 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 an 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. CONSOLIDATED DAMAGE COST:

Sl. No	ENVIRONMENTAL ATTRIBUTE	DAMAGE ASSESSED
CONSTRUCTION PHASE		
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/-
OPERATION PHASE		
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/-**

B. 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	REMEDIATION 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

2. NATURAL & COMMUNITY RESOURCE AUGMENTATION PLAN

Sl. No	COMPONENT REMEDIATION	REMEDIATION PROPOSED	DESCRIPTION	LOCATIONS	RATE	TOTAL QTY.	TOTAL COST (RS.)	YEAR I	YEAR II	YEAR III
1a –	Natural Resource Augmentation PlanActivities	Ground Water Recharge	Installation of Rainwater harvesting system in nearby villages Government schools	Navalur Rayapura Sattur	10,00,000	3	30,00,000	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 analysed 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 that 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 starage 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 provide 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 sturctures.
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

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

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

About the project:

Sl. No	PARTICULARS	INFORMATION PROVIDED BY PP
1	Name & Address of the Project Proponent	M/s.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 perimissible 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	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 Traffic Study Report	KR Road main Road LOS C
	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 • Construction phase	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
		• Operation Phase	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 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.

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

Meeting Concluded with vote of thanks to all.

Member Secretary, SEAC
Karnataka

Chairman, SEAC
Karnataka