**Proceedings of the 322nd SEAC Meeting held on 04th & 05th December – 2024**

**Members present in the meeting**

| | | |
|---|---|---|
| 1. | Shri Mahesh A.N. | Chairman |
| 2. | Shri Ravi Kumar Yadav, | Member |
| 3. | Dr. Balakrishna S, | Member |
| 4. | Shri Shivappa Naik, | Member |
| 5. | Shri K H Nagaraj, | Member |
| 6. | Shri Sadiq Ahmed, | Member |
| 7. | Dr. Sangamesh Kolliyavar, | Member |
| 8. | Shri Dhruva Kumara B Y, | Member |
| 9. | Shri R Gokul, IFS | Member Secretary |

**Officials Present**

| | | |
|---|---|---|
| 1 | Suhas H S | Supporting Staff |

The Chairman welcomed the members and initiated the discussion. The minutes of 321st SEAC meeting held 13th& 14th November 2024 respectivelywas read and confirmed.

**322.1.1 EIA - Building Stone Quarry Project at Sy.Nos.59/11, 16, 17 (P) of Ambewadi Village, Belagavi Taluk, Belagavi District (4-26 Acres) by M/s. Shivashakti Stone Crusher - Sri Chandrakant Mahadev Patil – Online Proposal No.SIA/KA/MIN/499437/2024 (SEIAA 343 MIN 2023)**

**About the project:**

| Sl.No | Particulars | Information Provided by PP |
|---|---|---|
| 1 | Name & Address of the Projects Proponent | M/s. Shivashakti Stone Crusher - Sri Chandrakant Mahadev Patil |
| 2 | Name & Location of the Project | Building Stone Quarry Project at Sy.Nos.59/11, 16, 17 (P) of Ambewadi Village, Belagavi Taluk, Belagavi District (4-26 Acres) |
| 3 | Type Of Mineral | Building Stone Quarry |
| 4 | New/Expansion/Modification/ Renewal | New |
| 5 | Type of Land [Forest, Government Revenue, Gomal, Private /Patta, Other] | Patta |
| 6 | Area in Acres | 4-26 Acres |
| 7 | Annual Production (Metric Ton / Cum) Per Annum | 71,898Tonnes/annum (including waste) |
| 8 | Project Cost (Rs. In Crores) | Rs. 1.00 Crore (Rs.100 Lakhs) |
| 9 | Proved Quantity of mine/Quarry-Cu.m/Ton | 9,76,388 Tonnes (including waste) |

| Latitude | Longitude |
|---|---|
| N 15° 54' 46.9123" | E 74° 27' 51.3884" |
| N 15° 54' 47.3269" | E 74° 27' 55.8229" |
| N 15° 54' 44.9088" | E 74° 27' 56.4881" |
| N 15° 54' 41.5447" | E 74° 27' 51.8261" |
| N 15° 54' 46.6047" | E 74° 27' 51.2659" |

| | | |
|---|---|---|
| 10 | Permitted Quantity Per Annum - Cu.m / Ton | 70,460Tonnes/annum (excluding waste) |
| 11 | CER Activities: To provide infrastructure facilities to near by Govt. School & Hospitals and to grow additional 500 trees in the vicinity of the project. | |
| 12 | EMP Budget | Rs. 21.60 lakhs (Capital Cost) & Rs. 13.65 lakhs (Recurring cost) |
| 13 | Forest NOC | 02.08.2022 |
| 14 | Quarry plan | 24.02.2023 |
| 15 | Cluster certificate | 10.04.2023 |
| 16 | Notification | 30.11.2022 |
| 17 | Revenue | 07.01.2022 |
| 18 | Public hearing | 03.07.2024 |

The Committee 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 vacant land and no mining has been carried out by Proponent and informed that the project does not attract violation. The Committee noted the clarification of Proponent as per KML and appraised the project.

The proposal is for ordinary sand quarry for which SEIAA had issued ToR on 17.10.2023 and public hearing was conducted on 03.07.2024, where opinion/requests of about thirteen people had been recorded in public hearing report.

Considering the existing cart track road to a length of 450mtrsconnecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to 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 in first year of operation, 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 9,76,388 tonnes (including waste) and estimated the life of mine to be 14 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for maximum annual production of 71,898 Tonnes/ Annum (including waste), with following consideration,

1. To asphalt the approach road to the quarry & road connecting the crusher as per IRC norms.
2. To grow trees all along the approach road & buffer zone during the first year of operation.
3. To carry out regular health checkup for the workers in the nearby Hospital.
4. To provide metal sheet fencing around the working area.
5. To take necessary measures to arrest noise and vibration from the quarry area.
6. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.
7. To adhere to the compliance given in response to the opinion of public addressed during public hearing.

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

**322.1.2 Residential Apartment with Club House Project at Sy.Nos.104/2, 104/3, 104/5, 104/6, 104/7, 104/8, 104/9, 104/10, 104/11,104/12 & 104/13 of Sompura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District by M/s. ARS Infraa– Online Proposal No.SIA/KA/INFRA2/487525/2024 (SEIAA 160 CON 2024)**

**About the project:**

| Sl.No. | | Particulars | Information Provided by PP |
|---|---|---|---|
| 1 | | Name & Address of the Project Proponent | Mr. S. Prasad Naidu, Partner.<br>**M/s. ARS Infraa**<br>No. 1668/A, 3rdFloor, 14thMain, 7thSector, HSR Layout, Bengaluru – 560 102. |
| 2 | | Name & Location of the Project | Development of Residential Apartment with Club House Project atSy.Nos.104/2, 104/3, 104/5, 104/6, 104/7, 104/8, 104/9, 104/10, 104/11, 104/12 & 104/13 of Sompura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District |
| 3 | | Type of Development | |
| | a. | Residential Apartment / Villas / Row Houses / Vertical Development / Office /IT/ ITES/ Mall/ Hotel/ Hospital /other | Residential Apartment with club house<br>Category 8(a) |
| | b. | Residential Township/ Area Development Projects | NA |
| | c. | Zoning Regulations | As per the Anekal Local Planning Area Master Plan – 2031 (Sarjapura: SP-3), the proposed project site is designated as Public & Semi-public Zone |
| 4 | | New/~~Expansion/ Modification/ Renewal~~ | New |
| 5 | | Water Bodies/ Nalas in the vicinity of project site | And Sompura Lake on southwest side of the project site boundary at a distance of 64 m. |
| 6 | | Plot Area (Sqm) | 16,516 Sqm |
| 7 | | Built Up area (Sqm) | 39,876.06Sqm |
| 8 | | FAR<br>• Permissible<br>• Proposed | <br>2.25<br>2.249 |
| 9 | | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | 256 nos |
| 10 | | Number of units/plots in case of Construction/Residential Township /Area Development Projects | NA |
| 11 | | Height Clearance | 26.95 mtrs (As per CCZM map, the permissible height is 131 mtrs and the height achieved for our proposed building is 26.95 mtrs) |
| 12 | | Project Cost (Rs. In Crores) | Rs. 75.0 Crores |
| 13 | | Quantity of Excavated earth & its management | Excavated earth quantity – 7028 m3<br>Backfilling – 2108 m3<br>Landscaping – 2764 m3<br>Driveway – 2156 m3 |

| | | | | |
|---|---|---|---|---|
| 14 | | Details of Land Use (Sqm) | | |
| | a. | Ground Coverage Area | 4980.42Sqm | |
| | b. | Kharab Land | 354.10 Sqm | |
| | c. | Total Green belt on Mother Earth | 4606.14Sqm | |
| | d. | Internal Roads | 4309.78Sqm | |
| | e. | Paved area | | |
| | f. | Others Specify | Service Area – 386.50 Sqm<br>CA Area – 808.10 Sqm<br>Road Relinquishment Area–1070.97 | |
| | g. | Parks and Open space in case of Residential Township/ Area Development Projects | - | |
| | h. | Total | 16,516Sqm | |
| 15 | | WATER | | |
| | I. | Construction Phase | | |
| | a. | Source of water | The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water. | |
| | b. | Quantity of water for Construction in KLD | 28 KLD | |
| | c. | Quantity of water for Domestic Purpose in KLD | 4.5 KLD | |
| | d. | Waste water generation in KLD | 4.0 KLD | |
| | e. | Treatment facility proposed and scheme of disposal of treated water | Domestic sewage generated during construction phase will be treated in mobile STP, treated water will be used for dust suppression/ landscaping within the site. | |
| | II. | Operational Phase | | |
| | a. | Total Requirement of Water in KLD | Fresh | 119 KLD |
| | | | Flushing | 60 KLD |
| | | | Total | 179 KLD |
| | b. | Source of water | Borewell | |
| | c. | Wastewater generation in KLD | 161 KLD | |
| | d. | STP capacity | STP Capacity – 180 KLD (area 200 Sqm) | |
| | e. | Technology employed for Treatment | Sequential Batch Reactor Technology | |
| | f. | Scheme of disposal of excess treated water if any | Excess 62 KLD for construction works/ Avenue plantation. | |
| 16 | | Infrastructure for Rain water harvesting | | |
| | a. | Capacity of sump/tank to store Roof & Hardscape/soft scape run off | 400 Cum | |
| | b. | No's of Ground water recharge pits | 20 Nos. | |
| 17 | | Storm water management plan | Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site and in the worst rain fall, excess runoff will be discharged to the external storm water drain on eastern side of the site. | |
| 18 | | WASTE MANAGEMENT | | |
| | I. | Construction Phase | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | a. | Quantity of Construction & Demolition waster and its management. | Construction Waste: Construction debris generated from the whole project is 20 tons and this will be reused within the site for road and pavement formation. | | | |
| | b. | Quantity of Solid waste generation and mode of Disposal as per norms | Total quantity of solid waste generation is 10 Kg/day. In which, 4 kg/day is the biodegradable waste &6 kg/day is the non-biodegradable waste and this will be handed over to local vendors. | | | |
| | II. | Operational Phase | | | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 210kg/day | | |
| | | | Mode of Disposal: | This will be segregated at household levels and will be processed in proposed organic waste converter. | | |
| | | | Capacity of facility: | 250 kg/day | | |
| | | | Area required: | 24 Sqm | | |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 315 kg/day | | |
| | | | Mode of Disposal: | Recyclable wastes will be handed over to authorized waste recyclers | | |
| | | | Area required: | 5Sqm | | |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 55 L/Annum (0.11 L/ running) hour of DG | | |
| | | | Mode of Disposal: | Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. | | |
| | | | Area required: | 4Sqm | | |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 0.64 ton/annum | | |
| | | | Mode of Disposal: | E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing. | | |
| | | | Area required: | 4 Sqm | | |
| 19 | | POWER | | | | |
| | a. | Total Power Requirement - Operational Phase | 1283kVA | | | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 350 KVA–2 Nos.<br>Stack Height ARL - 5 m | | | |
| | c. | Details of Fuel used for DG Set | 154.84 l/hr | | | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 5star rated transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc.<br>The overall energy savings is around 26.6 % | | | |
| 20 | | PARKING | | | | |
| | a. | Parking Requirement as per norms (ECS) | 282 ECS<br>(25% i.e. 64 Nos. of the EV Charging facility will be provided) | | | |
| | b. | Level of Service (LOS) of the | Road | Towards | Existing | Changed |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | connecting Roads as per the Traffic Study Report | Approach Road | | A | A |
| | | | Ambalipura-Sarjapura-Road | Sarjapura | D | B |
| | | | | ORR | D | B |
| | c. | Internal Road width (RoW) | 12.19m wide Approach road | | | |
| 21 | | CER Activities | Renovation of class rooms & drinking water facilities to Govt. Lower Primary School, Yamare Village. | | | |
| 22 | | EMP (Details and capital cost & recurring cost) | Construction Phase:<br>Capital Investment – 13.2Lakh<br>Construction – 58.91 Lakh<br>Operation Phase:<br>Capital investment – 293.78 Lakh<br>Operation Investment – 20.0 Lakh/annum | | | |

The proposal is for construction of residential building in an area earmarked for public and semi public use as per Anekal local Planning Authority, for which the Proponent informed that they have obtained conversion of land to residential purpose from DC.

The Committee during appraisal sought details regarding foot kharab as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the foot kharab inside the plot area has been rerouted to project boundary as per DC Order dated 27.07.2023 and another foot kharab in eastern side is relinquished for public road. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 179 KLD out of which about 119 KLD of fresh water requirement would be met from 3existing borewells in the proposed project area,only after obtaining NoC from KGWA for extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site areajustifying that drawing 119 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 400 cum for runoff from rooftop and 138 cum capacity tanks for runoff from hardscape and landscape areas with 20 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 220 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rainwater storage structure of 400 cum, 138 cum and 20 recharge pits.
5. To grow 220 trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road and free public access in kharab area.
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.3 Residential Apartment with Club House Project at Sy.No.516 of Sarjapura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District by M/s. Suyug Constructions – Online Proposal No.SIA/KA/INFRA2/488565/2024 (SEIAA 161 CON 2024)**

**About the project:**

| Sl. No | | Particulars | Information Provided by PP |
|---|---|---|---|
| 1 | | Name & Address of the Project Proponent | Mr. S. Yathish, Designated Partner<br>**M/s. Suyug Constructions**<br>Site No.19, B. Hosahalli Road, Sompura gate, Sarjapura Main Road, Bengaluru – 562125 |
| 2 | | Name & Location of the Project | **Development of Residential Apartment with Club House Project at** Sy. No. 516 of Sarjapura Village, Sarjapura Hobli,Anekal Taluk, Bengaluru Urban District |
| 3 | | Type of Development | |
| | a. | Residential Apartment/Villas/Row Houses/Vertical Development/ Office /IT/ITES/Mall/Hotel/ Hospital /other | Residential Apartment with club house<br>Category 8(a) |
| | b. | Residential Township/ Area Development Projects | NA |
| | c. | Zoning Regulations | As per the Anekal Local Planning Area Master Plan – 2031 (Sarjapura: SP-3), the proposed project site is designated as Residential Zone |
| 4 | | New/~~Expansion/ Modification/ Renewal~~ | New |
| 5 | | Water Bodies/ Nalas in the vicinity of project site | There is no nala around 50m radius from the project site and there is no water body around 30 M radius from the project site boundary. |
| 6 | | Plot Area (Sqm) | 10,319.34 Sqm |
| 7 | | Built Up area (Sqm) | 30,954.15Sqm |

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|---|---|---|---|---|
| 8 | FAR<br>• Permissible<br>• Proposed | 2.00<br>1.99 | | |
| 9 | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | BF+GF+13UF | | |
| 10 | Number of units/plots in case of Construction/Residential Township /Area Development Projects | Proposed project comprising 110 No. | | |
| 11 | Height Clearance | 44.95 m (As per CCZM, the permissible height is 111 m and the height achieved for our proposed building is 44.95 m.) | | |
| 12 | Project Cost (Rs. In Crores) | Rs. 57.00 Crores | | |
| 13 | Quantity of Excavated earth & its management | Excavated earth quantity –20,941 m3<br>Backfilling – 6,282 m3<br>Landscaping – 4,358 m3<br>Driveway – 3,676 m3<br>Site formation – 6,625 m3 | | |
| 14 | Details of Land Use (Sqm) | | | |
| a. | Ground Coverage Area | 1,766.02Sqm | | |
| b. | Kharab Land | -- | | |
| c. | Total Green belt on Mother Earth | 4,357.58Sqm | | |
| d. | Internal Roads | 2,450.58Sqm | | |
| e. | Paved area | | | |
| f. | Others Specify | Service Area – 245.45 Sqm<br>Road Widening Area – 467.79 Sqm<br>CA Area – 515.96 Sqm<br>STRR Land Bank – 515.96 Sqm | | |
| g. | Parks and Open space in case of Residential Township/ Area Development Projects | - | | |
| h. | Total | 10,319.34Sqm | | |
| 15 | WATER | | | |
| I. | Construction Phase | | | |
| a. | Source of water | The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water. | | |
| b. | Quantity of water for Construction in KLD | 22 KLD | | |
| c. | Quantity of water for Domestic Purpose in KLD | 4.5 KLD | | |
| d. | Waste water generation in KLD | 4.0 KLD | | |
| e. | Treatment facility proposed and scheme of disposal of treated water | Domestic sewage generated during construction phase will be treated in mobile STP, treated water will be used for dust suppression/ landscaping within the site. | | |
| II. | Operational Phase | | | |
| a. | Total Requirement of Water in KLD | Fresh | 61 KLD | |
| | | Flushing | 31 KLD | |

| | | | | |
|---|---|---|---|---|
| | | | Total | 92 KLD |
| | b. | Source of water | Borewell | |
| | c. | Wastewater generation in KLD | 83 KLD | |
| | d. | STP capacity | STP Capacity – 100 KLD (area 95 Sqm) | |
| | e. | Technology employed for Treatment | Sequential Batch Reactor Technology | |
| | f. | Scheme of disposal of excess treated water if any | Excess 19 KLD for construction works/ Avenue plantation. | |
| 16 | | Infrastructure for Rain water harvesting | | |
| | a. | Capacity of sump/tank to store Roof & Hardscape/soft scape run off | Roof Rain water sump – 200 Cum<br>Storm Water sump – 75 Cum | |
| | b. | No's of Ground water recharge pits | 14 Nos. | |
| 17 | | Storm water management plan | Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site and in the worst rain fall, excess runoff will be discharged to the external storm water drain on eastern side of the site. | |
| 18 | | WASTE MANAGEMENT | | |
| | I. | Construction Phase | | |
| | a. | Quantity of Construction & Demolition waster and its management. | Construction Waste: Construction debris generated from the whole project is 15 tons and this will be reused within the site for road and pavement formation. | |
| | b. | Quantity of Solid waste generation and mode of Disposal as per norms | Total quantity of solid waste generation is 10 Kg/day. In which, 4 kg/day is the biodegradable waste &6 kg/day is the non-biodegradable waste and this will be handed over to local vendors. | |
| | II. | Operational Phase | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 108kg/day |
| | | | Mode of Disposal: | This will be segregated at household levels and will be processed in proposed organic waste converter. |
| | | | Capacity of facility: | 150 kg/day |
| | | | Area required: | 14 Sqm |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 163 kg/day |
| | | | Mode of Disposal: | Recyclable wastes will be handed over to authorized waste recyclers |
| | | | Area required: | 5Sqm |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 40 L/Annum (0.08 L/ running) hour of DG |
| | | | Mode of Disposal: | Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. |
| | | | Area required: | 4Sqm |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 0.33 ton/annum |
| | | | Mode of | E-Wastes will be collected |

| | | | | |
|---|---|---|---|---|
| | | | Disposal: | separately & it will be handed over to authorized E-waste recyclers for further processing. |
| | | | Area required: | 4 Sqm |
| 19 | | POWER | | |
| | a. | Total Power Requirement - Operational Phase | 824kVA | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 500 KVA–1 No.<br>Stack Height ARL - 7 m | |
| | c. | Details of Fuel used for DG Set | 110.60 l/hr | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 5star rated transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc<br>The overall energy savings is around 25.2 % | |
| 20 | | PARKING | | |
| | a. | Parking Requirement as per norms (ECS) | 121 No. of cars. (provided – 121No. of cars)<br>(25% i.e. 28 Nos. of the EV Charging facility will be provided) | |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Road | Towards / Existing / Changed |
| | | | Approach Road | A / A |
| | | | Ambalipura-Sarjapura- Road | Sarjapura: D / B |
| | | | | ORR: D / B |
| | c. | Internal Road width (RoW) | 12.00m wide Approach road | |
| 21 | | CER Activities | Renovation of class rooms & drinking water facility to Govt. Model Boys Higher Primary School, Sarjapura. | |
| 22 | | EMP (Details and capital cost & recurring cost) | Construction Phase:<br>Capital Investment – 11.85Lakh<br>Construction – 59.99 Lakh<br>Operation Phase:<br>Capital investment – 172.96 Lakh<br>Operation Investment – 23.96 Lakh/annum | |

The proposal is for construction of residential building in an area earmarked for residential use as per Anekal local Planning Authority.

The Committee during appraisal sought details regarding road as per zoning regulation, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the zoning road in northeast is left as it is in the proposed plan. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 92 KLD out of which about 61 KLD of fresh water requirement would be met from 1existing borewell and 1 proposed borewell in the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 61 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 200 Cum for runoff from rooftop and 75 cum capacity tanks for runoff from hardscape and landscape areas with 14 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 130trees 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rain water storage structure of 200cum, 75cum and 14recharge pits.
5. To grow 130 trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road.
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.4 Residential Apartment with Club House Project at Sy.Nos.90/1, 90/2, 90/3, 90/4, 90/6, 91/3, 95, 96/3, 96/4, 96/5, 96/6 & 96/7 of Sompura Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District by M/s. Bhavisha Properties / Sri Surineni Naidu – Online Proposal No.SIA/KA/INFRA2/487395/2024 (SEIAA 162 CON 2024)**

**About the project:**

| Sl. No | Particulars | Information Provided by PP |
|---|---|---|
| 1 | Name & Address of the Project Proponent | Mr. S. Prasad Naidu, Proprietor<br>**M/s. Bhavisha Properties**<br>No. 001, 3rd Floor, Sy.Nos.54, 55/1 of Sarjapura Main Road, Yamare Village, Bengaluru – 562125. |

| | | | |
|---|---|---|---|
| 2 | | Name & Location of the Project | **Development of Residential Apartment with Club House Project at** Sy.Nos. 90/1, 90/2, 90/3, 90/4, 90/6, 91/3, 95, 96/3, 96/4, 96/5, 96/6 & 96/7 of Sompura Village, Sarjapura Hobli,Anekal Taluk, Bengaluru Urban District-562 125. |
| 3 | | Type of Development | |
| | a. | Residential Apartment /Villas / Row Houses /Vertical Development/ Office /IT/ITES/ Mall/ Hotel/ Hospital/other | Residential Apartment and club house<br>Category 8(a) |
| | b. | Residential Township/ Area Development Projects | NA |
| | c. | Zoning Regulations | As per the Anekal Local Planning Area Master Plan – 2031 (Sarjapura: SP-3), the proposed project site is designated as Industrial, Public & Semi-public Zone. |
| 4 | | New/~~Expansion/ Modification/ Renewal~~ | New |
| 5 | | Water Bodies/ Nalas in the vicinity of project site | There is a tertiary nala running on western side of the project site, to which we have earmarked 9 m buffer.<br>And Sompura Lake on southern side of the project site boundary at a distance of 39.6 m. |
| 6 | | Plot Area (Sqm) | 20,335.17 Sqm |
| 7 | | Built Up area (Sqm) | 57,988.59Sqm |
| 8 | | FAR<br>• Permissible<br>• Proposed | <br>2.25<br>2.249 |
| 9 | | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | BF+Stilt+GF+33UF |
| 10 | | Number of units/plots in case of Construction/Residential Township /Area Development Projects | 245 |
| 11 | | Height Clearance | 102.5 m (As per CCZM map, the permissible height is 133.50 m and the height achieved for our proposed building is 102.5 m) |
| 12 | | Project Cost (Rs. In Crores) | Rs. 109 Crores |
| 13 | | Quantity of Excavated earth & its management | Excavated earth quantity – 23, 776m3<br>Backfilling – 7,133 m3<br>Landscaping – 10,711 m3<br>Driveway – 3,669 m3<br>Site formation – 2,263 m3 |
| 14 | | Details of Land Use (Sqm) | |
| | a. | Ground Coverage Area | 1,616.25Sqm |
| | b. | Kharab Land | 202.34 Sqm |
| | c. | Total Green belt on Mother Earth | 13,388.78Sqm |
| | d. | Internal Roads | 3668.5Sqm |
| | e. | Paved area | |
| | f. | Others Specify | Service Area – 452.65 Sqm |

| | | | | |
|---|---|---|---|---|
| | | | CA Area – 1,006.65 Sqm | |
| | g. | Parks and Open space in case of Residential Township/ Area Development Projects | - | |
| | h. | Total | 20,335.17 Sqm | |
| 15 | | WATER | | |
| | I. | Construction Phase | | |
| | a. | Source of water | The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water. | |
| | b. | Quantity of water for Construction in KLD | 27 KLD | |
| | c. | Quantity of water for Domestic Purpose in KLD | 6.75 KLD | |
| | d. | Waste water generation in KLD | 6.0 KLD | |
| | e. | Treatment facility proposed and scheme of disposal of treated water | Domestic sewage generated during construction phase will be treated in mobile STP, treated water will be used for dust suppression/ landscaping within the site. | |
| | II. | Operational Phase | | |
| | a. | Total Requirement of Water in KLD | Fresh | 113 KLD |
| | | | Flushing | 58 KLD |
| | | | Total | 171 KLD |
| | b. | Source of water | Borewell | |
| | c. | Wastewater generation in KLD | 154 KLD | |
| | d. | STP capacity | STP Capacity – 170 KLD (area 200 Sqm) | |
| | e. | Technology employed for Treatment | Sequential Batch Reactor Technology | |
| | f. | Scheme of disposal of excess treated water if any | Excess 03 KLD for construction works/ Avenue plantation. | |
| 16 | | Infrastructure for Rain water harvesting | | |
| | a. | Capacity of sump/tank to store Roof & Hardscape/soft scape run off | Roof Rain water sump – 160 Cum | |
| | b. | No's of Ground water recharge pits | 28 Nos. | |
| 17 | | Storm water management plan | Run off from Hardscape area is collected in a storm water sump of capacity 110 cum<br>Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site and in the worst rainfall, excess runoff will be discharged to the external storm water drain on northern side of the site. | |
| 18 | | WASTE MANAGEMENT | | |
| | I. | Construction Phase | | |
| | a. | Quantity of Construction & Demolition waster and its management. | Construction Waste: Construction debris generated from the whole project is 29 tons and this will be reused within the site for road and pavement formation. | |
| | b. | Quantity of Solid waste generation and mode of Disposal as per norms | Total quantity of solid waste generation is 15 Kg/day. In which, 6 kg/day is the biodegradable waste &9 kg/day is the non-biodegradable waste | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | and this will be handed over to local vendors. | | | |
| | II. | Operational Phase | | | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 201kg/day | | |
| | | | Mode of Disposal: | This will be segregated at household levels and will be processed in proposed organic waste converter. | | |
| | | | Capacity of facility: | 250 kg/day | | |
| | | | Area required: | 24 Sqm | | |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 301 kg/day | | |
| | | | Mode of Disposal: | Recyclable wastes will be handed over to authorized waste recyclers | | |
| | | | Area required: | 5Sqm | | |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 55 L/Annum (0.11 L/ running) hour of DG | | |
| | | | Mode of Disposal: | Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. | | |
| | | | Area required: | 4Sqm | | |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 0.61 ton/annum | | |
| | | | Mode of Disposal: | E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing. | | |
| | | | Area required: | 4 Sqm | | |
| 19 | | POWER | | | | |
| | a. | Total Power Requirement - Operational Phase | 1239kVA | | | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 350 KVA–2 Nos.<br>Stack Height ARL - 5 m | | | |
| | c. | Details of Fuel used for DG Set | 154.84 l/hr | | | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 5star rated transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc<br>The overall energy savings is around 25.02 % | | | |
| 20 | | PARKING | | | | |
| | a. | Parking Requirement as per norms (ECS) | 270 No. of cars. (provided – 270No. of cars)<br>(25% i.e. 61 Nos. of the EV Charging facility will be provided) | | | |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Road | Towards | Existing | Changed |
| | | | Approach Road | | A | A |
| | | | Ambalipura-Sarjapura-Road | Sarjapura | D | B |
| | | | | ORR | D | B |
| | c. | Internal Road width (RoW) | 12.19m wide Approach road | | | |
| 21 | | CER Activities | Renovation of class rooms & drinking water facility | | | |

| | | |
|---|---|---|
| | | to Govt. Lower Primary School, Yamare Village |
| 22 | EMP (Details and capital cost & recurring cost) | Construction Phase:<br>Capital Investment – 16.0Lakh<br>Construction – 87.36 Lakh<br>Operation Phase:<br>Capital investment – 293.25 Lakh<br>Operation Investment – 20.0 Lakh/annum |

The proposal is for construction of residential building in an area earmarked for residential use as per Anekal local Planning Authority.

The Committee during appraisal sought details regarding drain and water body as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the tertiary darin in western side, buffer of 9mtr and is proposed from the edge of drain and the water body in south is at a distance of 39.6mtr and is out side the buffer zone. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 171 KLD out of which about 113 KLD of fresh water requirement would be met from 3existing borewells in the proposed project area, only after obtaining NoC from KGWA for extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 113 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 160 cum for runoff from rooftop and 110 cum capacity tanks for runoff from hardscape and landscape areas with 28 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 255 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rainwater storage structure of 160 cum, 110 cum and 28 recharge pits.
5. To grow 255 trees in the early stage before taking up of construction.

6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road.
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.5 Residential Apartment and Club House Project at Sy.Nos.134/2, 416/3, 416/4 & 416/7 of Bidaraguppe Village, Attibele Hobli, Anekal Taluk, Bengaluru Urban District by M/s. Maruti ventures – Online Proposal No.SIA/KA/INFRA2/486304/2024 (SEIAA 163 CON 2024)**

**About the project:**

| Sl. No | | Particulars | Information Provided by PP |
|---|---|---|---|
| 1 | | Name & Address of the Project Proponent | Mr. LekkalaChakrapani, Partner.<br>M/s. Maruti Ventures<br>Site No.1125/134, Yallappa Building, 3rd Floor, Opp. SBI Bank, Sarjapura, Bengaluru - 562125 |
| 2 | | Name & Location of the Project | Residential Apartment and club house Project at Sy. Nos.134/2, 416/3, 416/4 & 416/7 of Bidaraguppe Village, Attibele Hobli, Anekal Taluk, Bengaluru Urban District. |
| 3 | | Type of Development | |
| | a. | Residential Apartment/Villas/Row Houses/Vertical Development / Office/IT/ITES/Mall/Hotel/ Hospital /other | Residential Apartment and club house<br>Category 8(a) |
| | b. | Residential Township/ Area Development Projects | NA |
| | c. | Zoning Regulations | As per the Anekal Local Planning Area Master Plan – 2031 (Map No. AT-1), the proposed project site is designated as Agricultural Zone |
| 4 | | New/ ~~Expansion/ Modification/ Renewal~~ | New |
| 5 | | Water Bodies/ Nalas in the vicinity of project site | As per village map, there is a tertiary nala running on middle of the project site towards northwest side, and primary nala on southern side of the project site boundary, |
| 6 | | Plot Area (Sqm) | 15,580.18 Sqm |
| 7 | | Built Up area (Sqm) | 53,678.96 Sqm |
| 8 | | FAR<br>• Permissible<br>• Proposed | <br>2.50<br>2.49 |
| 9 | | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | Block A, B & C: BF+GF+6UF. Maximum height of the building is 21 m. |

| | | | |
|---|---|---|---|
| 10 | Number of units/plots in case of Construction/Residential Township /Area Development Projects | 357 no. | |
| 11 | Height Clearance | As per CCZM, the permissible height is 176.5 m and the height achieved for our proposed building is 21 m. | |
| 12 | Project Cost (Rs. In Crores) | Rs. 100 Crores | |
| 13 | Quantity of Excavated earth & its management | Total Excavated earth quantity – 17,285 m3<br>Backfilling – 5,185 m3<br>Landscaping – 4,957 m3<br>Driveway – 3,769 m3<br>Site Formation– 3,374 m3 | |
| 14 | Details of Land Use (Sqm) | | |
| a. | Ground Coverage Area | 7240.40 Sqm | |
| b. | Kharab Land | – | |
| c. | Total Green belt on Mother Earth | 3304.56Sqm | |
| d. | Internal Roads | 3140.70Sqm | |
| e. | Paved area | | |
| f. | Others Specify | STRR Land Bank– 779.01 Sqm<br>Service Area – 336.50 Sqm<br>CA Area – 779.01Sqm | |
| g. | Parks and Open space in case of Residential Township/ Area Development Projects | - | |
| h. | Total | 15,580.18Sqm | |
| 15 | WATER | | |
| I. | Construction Phase | | |
| a. | Source of water | The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water. | |
| b. | Quantity of water for Construction in KLD | 19 KLD | |
| c. | Quantity of water for Domestic Purpose in KLD | 4.5 KLD | |
| d. | Waste water generation in KLD | 4.0 KLD | |
| e. | Treatment facility proposed and scheme of disposal of treated water | Domestic sewage generated during construction phase will be treated in mobile STP, treated water will be used for dust suppression/ landscaping within the site. | |
| II. | Operational Phase | | |
| a. | Total Requirement of Water in KLD | Fresh | 162 KLD |
| | | Flushing | 82 KLD |
| | | Total | 244 KLD |
| b. | Source of water | Borewell | |
| c. | Wastewater generation in KLD | 220 KLD | |
| d. | STP capacity | STP Capacity – 250 KLD (area 225 Sqm) | |
| e. | Technology employed for Treatment | Sequential Batch Reactor Technology | |
| f. | Scheme of disposal of excess treated water if any | Excess 99 KLD for construction works/ Avenue plantation. | |
| 16 | Infrastructure for Rain water harvesting | | |

| | | | | |
|---|---|---|---|---|
| | a. | Capacity of sump/tank to store Roof & Hardscape/soft scape run off | Roof Rain water sump – 400 Cum (300 Cum & 100 cum) | |
| | b. | No's of Ground water recharge pits | 23 Nos. | |
| 17 | | Storm water management plan | Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on north side of the site | |
| 18 | | WASTE MANAGEMENT | | |
| | I. | Construction Phase | | |
| | a. | Quantity of Construction & Demolition waster and its management. | Construction Waste: Construction debris generated from the whole project is 27 tons and this will be reused within the site for road and pavement formation. | |
| | b. | Quantity of Solid waste generation and mode of Disposal as per norms | Total quantity of solid waste generation is 10 Kg/day. In which, 4 kg/day is the biodegradable waste &6 kg/day is the non-biodegradable waste and this will be handed over to local vendors. | |
| | II. | Operational Phase | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 293kg/day |
| | | | Mode of Disposal: | This will be segregated at household levels and will be processed in proposed organic waste converter. |
| | | | Capacity of facility: | 300 kg/day |
| | | | Area required: | 28 Sqm |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 439 kg/day |
| | | | Mode of Disposal: | Recyclable wastes will be handed over to authorized waste recyclers |
| | | | Area required: | 10 Sqm |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 60 L/Annum (0.12 L/ running) hour of DG |
| | | | Mode of Disposal: | Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. |
| | | | Area required: | 4Sqm |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 0.89 ton/annum |
| | | | Mode of Disposal: | E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing. |
| | | | Area required: | 4 Sqm |
| 19 | | POWER | | |
| | a. | Total Power Requirement - | 1685 kVA | |

| | | | |
|---|---|---|---|
| | | Operational Phase | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 300 KVA–1 No. & 500 KVA – 1 No.<br>Stack Height ARL - 7 m |
| | c. | Details of Fuel used for DG Set | 176.96 l/hr |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 5star rated transformer, Solar Lights, solar water heater, LED, high efficiency Pumps and motors in Lifts etc<br>The overall energy savings is around 28.1 % |
| 20 | | PARKING | |
| | a. | Parking Requirement as per norms (ECS) | 393 ECS |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Road / Towards / Existing / Changed<br>Approach Road: A / A<br>Sarjapura Attibele Road – Sarjapura: C / B<br>Sarjapura Attibele Road – Attibele: C / B |
| | c. | Internal Road width (RoW) | 18.29m wide Approach road |
| 21 | | CER Activities | Renovation of class rooms & drinking water facilities to Govt. Higher Primary School, Bidaraguppe Village |
| 22 | | EMP (Details and capital cost & recurring cost) | Construction Phase:<br>Capital Investment – 14 Lakh<br>Construction – 94.93 Lakh<br>Operation Phase:<br>Capital investment – 341.37 Lakh<br>Operation Investment – 23.96 Lakh/annum |

The proposal is for construction of residential building in an area earmarked for agriculture use as per Anekal local Planning Authority, for which Proponent informed that they have obtained conversion of land to residential use from DC.

The Committee during appraisal sought details regarding drain as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the primary darin in southern side, buffer of 9mtr is proposed from the edge of drain and for the tertiary drain in south west and inside the site area, buffer of 3mtrs from edge of drain on either sides is provided. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 244 KLD out of which about 162 KLD of fresh water requirement would be met from 3existing borewells in the proposed project area, only after obtaining NoC from KGWA for extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 162 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 300cum for runoff from rooftop and 100 cum capacity tanks for runoff from hardscape and landscape areas with 23 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 200 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rain water storage structure of 300cum, 100cum and 23 recharge pits.
5. To grow 200 trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road.
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.6 Residential Apartment with Club House project at Sy.No.179 of Bagalur Village, Jala Hobli, Yelahanka Taluk, Bangalore Urban District by M/s. Kumar Properties Pvt. Ltd.– Online Proposal No.SIA/KA/INFRA2/495597/2024 (SEIAA 164 CON 2024)**

**About the project:**

| Sl.No. | | Particulars | Information Provided by Proponent |
|---|---|---|---|
| 1 | | Name & Address of the Project Proponent | Proposed Residential Apartment with Club houseby M/s. Kumar Properties Pvt. Ltd.<br>No. 23/3 Crescent Road, High Grounds, Behind Golf Club, Opp. Hotel Taj West End- back entry, Bengaluru North, Bengaluru Urban - 560001. |
| 2 | | Name & Location of the Project | Residential Apartment with Club House project of Built up area 38,258.7Sqm at Sy.No.179 of Bagalur Village, JalaHobli, Yelahanka Taluk, Bangalore. |
| 3 | | Type of Development | |
| | a. | Residential Apartment/Villas/Row Houses/Vertical Development / Office/IT/ITES/Mall/Hotel/Hospital /other | Residential Apartment with Club House<br>Category 8(a) |

| | | | | |
|---|---|---|---|---|
| | b. | Residential Township/ Area Development Projects | NA | |
| | c. | Zoning Classification | As per the CDP project site is designated as Agriculture zone; and the land has been converted for Residential purposes. | |
| 4 | | New/ Expansion/ Modification/ Renewal | New | |
| 5 | | Water Bodies/ Nalas in the vicinity of project site | As per Village MapTeritaryNala of 15m buffer left towards East side of project site. | |
| 6 | | Plot Area (Sqm) | 13,858.00 Sqm | |
| 7 | | Built Up area (Sqm) | 38,258.7 Sqm | |
| 8 | | FAR<br>• Permissible<br>• Proposed | 2.00<br>1.75 | |
| 9 | | Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | (B+G+4 UF) | |
| 10 | | Number of units/plots in case of Construction/Residential Township /Area Development Projects | 100 nos. | |
| 11 | | Height Clearance | Low rise building. | |
| 12 | | Project Cost (Rs. In Crores) | Rs. 50cr | |
| 13 | | Quantity excavated earth & its management | During Construction total 35,000 Cum excavation will be doneand Excavated earth we will be used within our project site only. | |
| 14 | | Details of Land Use (Sqm) | | |
| | a. | Ground Coverage Area | 6021.73 Sqm | |
| | b. | Total Green belt on Mother Earth | 3464.5 Sqm | |
| | c. | Internal Roads | 4372.19 Sqm | |
| | d. | Paved area | | |
| | e. | Others Specify | -- | |
| | f. | Parks and Open space in case of Residential Township/ Area Development Projects | --- | |
| | h. | Total | 13,858.00 Sqm | |
| 15 | | WATER | | |
| | I. | Construction Phase | | |
| | a. | Source of water | BWSSB STP treated water/Nearby STP treated water | |
| | b. | Quantity of water for Construction in KLD | 50 | |
| | c. | Quantity of water for Domestic Purpose in KLD | 8 | |
| | d. | Waste water generation in KLD | 8 | |
| | e. | Treatment facility proposed and scheme of disposal of treated water | Mobile sewage Treatment Plant | |
| | II. | Operational Phase | | |
| | a. | Total Requirement of Water in | Fresh | 55 |

| | | | | |
|---|---|---|---|---|
| | | KLD | Recycled | 40 |
| | | | Total | 95 |
| | b. | Source of water | Borewell | |
| | c. | Wastewater generation in KLD | 86 | |
| | d. | STP capacity and Area required | 90 KLD | |
| | e. | Technology employed for Treatment | SBR Technology, Area required for STP is 90 Sqmt | |
| | f. | Scheme of disposal of excess treated water if any | - | |
| 16 | | Infrastructure for Rain water harvesting | | |
| | a. | Capacity of sump/tank to store Roof & Hardscape/soft scape run off | 300 m3 of collection sump is provided<br>Area required for Rain water tank is300Sqmt | |
| | b. | No's of Ground water recharge pits | 15 nos. | |
| 17 | | Storm water management plan | We provided 300m3 of roof water collection sump and 15 nos. of recharge pits all along the project site. | |
| 18 | | WASTE MANAGEMENT | | |
| | I. | Construction Phase | | |
| | a. | Quantity of Construction &Demolition waster and its management. | Demolition Waste/ Construction Waste | |
| | | | C & D waste generated will be very minimal; this will be utilized within in the project site for formation of paved roads. | |
| | b. | Quantity of Solid waste generation and mode of Disposal other than C&D. | Quantity of solid waste generation during construction other than C&D.-0.5kg/day | |
| | | | Mode of Disposal: Given to BBMP authorities | |
| | II. | Operational Phase | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required) | Quantity: | 180 kg/day |
| | | | Mode of Disposal: | Biodegradable waste will be processed in organic wasteconverter |
| | | | Capacity of facility: | 180kg/day Capacity |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 100 kg/day |
| | | | Mode of Disposal: | Non- Biodegradable waste will be given to authorized vendors |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 40-50lts |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 30 kg/year |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| 19 | | POWER | | |
| | a. | Total Power Requirement - Operational Phase | 400kW | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 500 KVA X 1 Nos | |
| | c. | Details of Fuel used for DG Set | Low Sulphuric diesel | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 63% | |

| | | | |
|---|---|---|---|
| 20 | | PARKING | |
| | a. | Parking Requirement as per norms (ECS) | 231 ECS |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report towardsBagluru road is B towards Sathnur Road is B |
| | c. | Internal Road width (RoW) | 8.0 mtrs |
| 21 | | CER Activities | Infrastructure development of nearby Govt School/ Hospital. |
| 22 | | EMP (Details and capital cost & recurring cost) | Construction phase:91.0 Lakhs<br>Operation phase:438.0 Lakhs |

The proposal is for construction of residential building in an area earmarked for agriculture use as per BDA, for which Proponent informed that they have obtained change of land use from BDA on 20.05.2024, for residential use.

The Committee during appraisal sought details regarding drain as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the tertiary drain in eastern side, buffer of 15mtrs is proposed from the center of drain. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 95KLD out of which about 55KLD of fresh water requirement would be met from 2 new borewells in the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 55 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 300Cum for runoff from rooftop, hardscape and landscape areas with 15recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 175trees 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rainwater storage structure of 300 cum and 15 recharge pits.
5. To grow 175 trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road.
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.7 Residential Apartment Project at Sy.No.71/1 of Kannamangala Village, Kasaba Hobli, Devanahalli Taluk, Bangalore Rural District by M/s. Sanvi Constructions – Online Proposal No.SIA/KA/INFRA2/469879/2024 (SEIAA 165 CON 2024)**

**About the project:**

| Sl.No. | | Particulars | Information Provided by Proponent |
|---|---|---|---|
| 1 | | Name & Address of the Project Proponent | Proposed Residential Apartment with Club houseby M/s. Sanvi Constructions, No. F3, Samveda Apartment,Sai Serenity Layout, Seegehalli,Bangalore-560049 |
| 2 | | Name & Location of the Project | Residential Apartment and Club House project at Sy Nos.71/1 of Kannamangala Village, KasabaHobli, Devanahalli Taluk, Bangalore Rural District. |
| 3 | | Type of Development | |
| | a. | Residential Apartment / Villas / Row Houses / Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other | Residential Apartment with Club House Category 8(a) |
| | b. | Residential Township/ Area Development Projects | NA |
| | c. | Zoning Classification | As per the Devanahalli LDP project site is designated as Road /transport zone; and the land has been converted for Residential purposes. |
| 4 | | New/ Expansion/ Modification/ Renewal | New |
| 5 | | Water Bodies/ Nalas in the vicinity of project site | NA |
| 6 | | Plot Area (Sqm) | 10,622.90Sqm |
| 7 | | Built Up area (Sqm) | 47,142.56Sqm |

| | | | |
|---|---|---|---|
| 8 | FAR<br>• Permissible<br>• Proposed | 2.5<br>2.4 | |
| 9 | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | 2B+G+7UF<br>Residential Building TOWER – 1 & 2 | |
| 10 | Number of units/plots in case of Construction/Residential Township /Area Development Projects | 360 nos. | |
| 11 | Height Clearance | As per CCZM permissible height is 1065m AMSL and proposed height is 951.95mtr AMSL | |
| 12 | Project Cost (Rs. In Crores) | Rs. 100cr | |
| 13 | Quantity excavated earth & its management | During Construction total 45,000 Cum excavation will be doneand Excavated earth we will be used within our project site only. | |
| 14 | Details of Land Use (Sqm) | | |
| a. | Ground Coverage Area | 3848.32Sqm | |
| b. | Total Green belt on Mother Earth | 1632.14Sqm | |
| c. | Internal Roads | 4084.47 Sqm | |
| d. | Paved area | | |
| e. | Others Specify | Karab area - 588.43 Sqm<br>Encroachment Area is 126.43 Sqm<br>Area under Existing road is 343.11 Sqm | |
| f. | Parks and Open space in case of Residential Township/ Area Development Projects | --- | |
| h. | Total | 10,622.90 Sqm | |
| 15 | WATER | | |
| I. | Construction Phase | | |
| a. | Source of water | BWSSB STP treated water/Nearby STP treated water | |
| b. | Quantity of water for Construction in KLD | 25 | |
| c. | Quantity of water for Domestic Purpose in KLD | 4 | |
| d. | Waste water generation in KLD | 4 | |
| e. | Treatment facility proposed and scheme of disposal of treated water | Mobile sewage Treatment Plant | |
| II. | Operational Phase | | |
| a. | Total Requirement of Water in KLD | Fresh | 170 |
| | | Recycled | 100 |
| | | Total | 270 |
| b. | Source of water | Borewell | |
| c. | Wastewater generation in KLD | 250 KLD | |
| d. | STP capacity and Area required | 250KLD | |
| e. | Technology employed for Treatment | SBR Technology, Area required for STP is 250 Sqmt | |
| f. | Scheme of disposal of excess treated water if any | - | |
| 16 | Infrastructure for Rain water harvesting | | |

| | | | | |
|---|---|---|---|---|
| | a. | Capacity of sump/tank to store Roof & Hardscape/soft scape run off | 240 m3 of collection sump is provided<br>Area required for Rain water tank is240Sqmt | |
| | b. | No's of Ground water recharge pits | 10 nos. | |
| 17 | | Storm water management plan | We provided 240m3 of roof water collection sump and 10 nos. of recharge pits all along the project site. | |
| 18 | | WASTE MANAGEMENT | | |
| | I. | Construction Phase | | |
| | a. | Quantity of Construction &Demolition waster and its management. | Demolition Waste/ Construction Waste | |
| | | | C & D waste generated will be very minimal; this will be utilized within in the project site for formation of paved roads. | |
| | b. | Quantity of Solid waste generation and mode of Disposal other than C&D. | Quantity of solid waste generation during construction other than C&D.-0.5kg/day | |
| | | | Mode of Disposal: Given to BBMP authorities | |
| | II. | Operational Phase | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required) | Quantity: | 486 kg/day |
| | | | Mode of Disposal: | Biodegradable waste will be processed in organic waste converter |
| | | | Capacity of facility: | 486kg/day Capacity |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 324 kg/day |
| | | | Mode of Disposal: | Non- Biodegradable waste will be given to authorized vendors |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 100-150lts |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 150 kg/year |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| 19 | | POWER | | |
| | a. | Total Power Requirement - Operational Phase | 1440kW | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 250 KVA X 2 Nos | |
| | c. | Details of Fuel used for DG Set | Low Sulphuric diesel | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 22% | |
| 20 | | PARKING | | |
| | a. | Parking Requirement as per norms (ECS) | 400 | |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report on NH-7, MCW and SR towards Airport signal is B and<br>towards Bangalore City is C | |
| | c. | Internal Road width (RoW) | 8.0 m | |
| 21 | | CER Activities | Infrastructure development of nearby Govt School/ Hospital. | |

| | | |
|---|---|---|
| 22 | EMP (Details and capital cost & recurring cost) | Construction phase:135.2 Lakhs<br>Operation phase:676.0 Lakhs |

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 there are old buildings and demolition waste of 500cum would be generated and would be utilized within the site area and no construction activity has started. The Committee noted the clarification given by the Proponent.

The proposal is for construction of a residential apartment project in an area demarcated for transport and road use as per BIAAPA, for which Proponent informed that they have obtained conversion of land to residential use from DC and had obtained development plan from BIAAPA on 25.09.2024.

The Committee during appraisal sought details regarding foot kharab as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the foot kharab is rerouted as per DC Order dated 21.04.2024 and they are providing free access to public for the rerouted kharab. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 270 KLD out of which about 170KLD of fresh water requirement would be met from 3 existing and 2 new borewells in the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 170 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 240Cum for runoff from rooftop, hardscape and landscape areas with 10 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 135 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.

4. To provide rain water storage structure of 240 cum and 10 recharge pits.
5. To grow 135 trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road and to provide free public access in kharab area.
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.8 Residential Apartment and Club House Project at Sy.Nos.83/2, 83/3, 82/3, 82/2, 82/1 & 78 of Dommasandra Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. United Projects Maple City – Online Proposal No.SIA/KA/INFRA2/471337/2024 (SEIAA 166 CON 2024)**

**About the project:**

| Sl.No. | | Particulars | Information Provided by Proponent |
|---|---|---|---|
| 1 | | Name & Address of the Project Proponent | Proposed Residential Apartment with Club houseby M/s. United Projects Maple City, Sy.No.83/2 of K. Dommasandra Village,BidarahalliHobli,Bangalore East Taluk, Bangalore – 560067. |
| 2 | | Name & Location of the Project | Residential Apartment and Club House project at Sy.Nos. 83/2, 83/3, 82/3, 82/2, 82/1, 78 of Dommasandra Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore. |
| 3 | | Type of Development | |
| | a. | Residential Apartment/Villas/ Row Houses /Vertical Development /Office/IT/ITES/ Mall/ Hotel/ Hospital /other | Residential Apartment with Club House Category 8(a) |
| | b. | Residential Township/ Area Development Projects | NA |
| | c. | Zoning Classification | As per the CDP project site is designated as residential zone. |
| 4 | | New/ Expansion/ Modification/ Renewal | New |
| 5 | | Water Bodies/ Nalas in the vicinity of project site | 1. Towards North- east side Secondary Nala<br>2. Towards South Direction Physically Tertiary Nala is present |
| 6 | | Plot Area (Sqm) | 12,443.98 Sqm |
| 7 | | Built Up area (Sqm) | 45,569.21Sqm |
| 8 | | FAR<br>• Permissible<br>• Proposed | <br>2.5<br>2.5 |

| | | | | |
|---|---|---|---|---|
| 9 | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | Wing 01 & 02 - (B+G+14 UF)<br>Club house – (B+G+3UF) | | |
| 10 | Number of units/plots in case of Construction/Residential Township /Area Development Projects | 262 nos. | | |
| 11 | Height Clearance | Height of the proposed project is 935.95mtr AMSL and within the limits of CCZM 1010M AMSL | | |
| 12 | Project Cost (Rs. In Crores) | Rs. 90cr | | |
| 13 | Quantity excavated earth & its management | During Construction total 22,000 Cum excavation will be doneand Excavated earth we will be used within our project site only. | | |
| 14 | Details of Land Use (Sqm) | | | |
| a. | Ground Coverage Area | 2978.28 Sqm | | |
| b. | Total Green belt on Mother Earth | 3626.964 Sqm | | |
| c. | Internal Roads | 5485.17 Sqm | | |
| d. | Paved area | | | |
| e. | Others Specify | Kharab area is 354.10 Sqm | | |
| f. | Parks and Open space in case of Residential Township/ Area Development Projects | --- | | |
| h. | Total | 12,443.98 Sqm | | |
| 15 | WATER | | | |
| I. | Construction Phase | | | |
| a. | Source of water | BWSSB STP treated water/Nearby STP treated water | | |
| b. | Quantity of water for Construction in KLD | 25 | | |
| c. | Quantity of water for Domestic Purpose in KLD | 4 | | |
| d. | Waste water generation in KLD | 4 | | |
| e. | Treatment facility proposed and scheme of disposal of treated water | Mobile sewage Treatment Plant | | |
| II. | Operational Phase | | | |
| a. | Total Requirement of Water in KLD | Fresh | 120 | |
| | | Recycled | 75 | |
| | | Total | 195 | |
| b. | Source of water | Borewell | | |
| c. | Wastewater generation in KLD | 176 | | |
| d. | STP capacity and Area required | 180 KLD | | |
| e. | Technology employed for Treatment | SBR Technology, Area required for STP is 180Sqmt | | |
| f. | Scheme of disposal of excess treated water if any | - | | |
| 16 | Infrastructure for Rain water harvesting | | | |
| a. | Capacity of sump/tank to store Roof & Hardscape/soft scape run off | 180 m3 of collection sump is provided<br>Area required for Rain water tank is180Sqmt | | |
| b. | No's of Ground water recharge pits | 36 nos. | | |
| 17 | Storm water management plan | We provided 180m3 of roof water collection sump and 36 nos. of recharge pits all along the project site. | | |

| | | | | |
|---|---|---|---|---|
| 18 | | WASTE MANAGEMENT | | |
| | I. | Construction Phase | | |
| | a. | Quantity of Construction & Demolition waster and its management. | Demolition Waste/ Construction Waste | |
| | | | C & D waste generated will be very minimal; this will be utilized within in the project site for formation of paved roads. | |
| | b. | Quantity of Solid waste generation and mode of Disposal other than C&D. | Quantity of solid waste generation during construction other than C&D.-0.5kg/day | |
| | | | Mode of Disposal: Given to BBMP authorities | |
| | II. | Operational Phase | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms(Capacity of OWC & Area required) | Quantity: | 354 kg/day |
| | | | Mode of Disposal: | Biodegradable waste will be processed in organic waste converter |
| | | | Capacity of facility: | 354kg/day Capacity |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 236 kg/day |
| | | | Mode of Disposal: | Non- Biodegradable waste will be given to authorized vendors |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 150-180 lts |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 150 kg/year |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| 19 | | POWER | | |
| | a. | Total Power Requirement - Operational Phase | 1048kW | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 500 KVA X 2 Nos | |
| | c. | Details of Fuel used for DG Set | Low Sulphuric diesel | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 19.0% | |
| 20 | | PARKING | | |
| | a. | Parking Requirement as per norms (ECS) | 289 | |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report on SH-35 towards SH-35 is B | |
| | c. | Internal Road width (RoW) | 8.0 m | |
| 21 | | CER Activities | To provide infrastructure development of nearby Govt School/ Hospital. | |
| 22 | | EMP (Details and capital cost & recurring cost) | Construction phase:120.0 Lakhs<br>Operation phase:540.0 Lakhs | |

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 site is vacant land and no construction activity has started. The Committee noted the clarification given by the Proponent.

The proposal is for construction of a residential apartment project in an area demarcated for residential use as per RMP of BDA.

The Committee during appraisal sought details regarding drain and foot kharab as per village map, sensitive zone as per zoining regulations, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the foot kharab is rerouted as per DC Order dated 16.03.2023 and they are providing free access to public for the rerouted kharab and for the secondary drain in north eastern side, buffer of 25mtrs is proposed from the center of the drain and for the tertiary drain in south, buffer of 15mtrs is proposed from the center of the drain. Regarding the sensitive zone, Proponent informed that they have obtained clearance from BDA for the sensitive zone on 27.12.2022. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 195KLD out of which about 120 KLD of fresh water requirement would be met from 3 existing and 1 new borewell in the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 120 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 180Cum for runoff from rooftop another tank of 410cum for runoff from hardscape and landscape areas with 36 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 155trees 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rainwater storage structure of 180cum & 410cum and 10 recharge pits.
5. To grow 135 trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.

9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road and to provide free public access in kharab area.
12. Excess treated water should be utilized with in the site area.
13. To adhere to the conditions stipulated in sensitive zone clearance.
14. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.9 Development of Residential Apartment with Club House Project at Sy.Nos.46/5, 46/8, 46/9 of Huskuru Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore Urban District by M/s. Amogaya Projects – Online Proposal No.SIA/KA/INFRA2/469646/2024 (SEIAA 167 CON 2024)**

**About the project:**

| Sl.No. | Particulars | Information Provided by Proponent |
|---|---|---|
| 1 | Name & Address of the Project Proponent | Proposed Residential Apartment with Club house by M/s. Amogaya projects, No. 308, 2nd floor,100 feet road, Indira nagar 1st stage, Bangalore-560038 |
| 2 | Name & Location of the Project | Residential Apartment and Club House project at Sy Nos. 46/5, 46/8, 46/9, Huskuru village, Bidarahalli hobli, Bangalore east taluk, Bangalore |
| 3 | Type of Development | |
| a. | Residential Apartment / Villas / Row Houses / Vertical Development/ Office / IT/ ITES/Mall/ Hotel/ Hospital /other | Residential Apartment with Club House Category 8(a) |
| b. | Residential Township/ Area Development Projects | NA |
| c. | Zoning Classification | As per Hoskote planning area project site comes under Commercial zone;. |
| 4 | New/ Expansion/ Modification/ Renewal | New |
| 5 | Water Bodies/ Nalas in the vicinity of project site | NA |
| 6 | Plot Area (Sqm) | 8043.06Sqm |
| 7 | Built Up area (Sqm) | 29,107.11Sqm |
| 8 | FAR<br>• Permissible<br>• Proposed | <br>2.5<br>2.5 |
| 9 | Building Configuration [ Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | Residential Apartments –Tower A: B+G+14 UF<br>Tower B: B+G+14 UF<br>Clubhouse: G+ 1 UF |
| 10 | Number of units/plots in case of Construction/Residential Township /Area Development Projects | 135 nos. |
| 11 | Height Clearance | As per CCZM permissible height is 1035m |

| | | | | |
|---|---|---|---|---|
| | | AMSL and proposed height is 937.95m AMSL | | |
| 12 | Project Cost (Rs. In Crores) | Rs. 80cr | | |
| 13 | Quantity excavated earth & its management | During Construction total 37,820 Cum excavation will be doneand Excavated earth we will be used within our project site only. | | |
| 14 | Details of Land Use (Sqm) | | | |
| a. | Ground Coverage Area | 2,212.47 Sqm | | |
| b. | Total Green belt on Mother Earth | 2,781.29 Sqm | | |
| c. | Internal Roads | 3,049.92 Sqm | | |
| d. | Paved area | | | |
| e. | Others Specify | -- | | |
| f. | Parks and Open space in case of Residential Township/ Area Development Projects | --- | | |
| h. | Total | 8,043.06 Sqm | | |
| 15 | WATER | | | |
| I. | Construction Phase | | | |
| a. | Source of water | BWSSB STP treated water/Nearby STP treated water | | |
| b. | Quantity of water for Construction in KLD | 25 | | |
| c. | Quantity of water for Domestic Purpose in KLD | 4 | | |
| d. | Waste water generation in KLD | 4 | | |
| e. | Treatment facility proposed and scheme of disposal of treated water | Mobile sewage Treatment Plant | | |
| II. | Operational Phase | | | |
| a. | Total Requirement of Water in KLD | Fresh | 67 | |
| | | Recycled | 33 | |
| | | Total | 100 | |
| b. | Source of water | Borewell | | |
| c. | Wastewater generation in KLD | 90 | | |
| d. | STP capacity and Area required | 95KLD | | |
| e. | Technology employed for Treatment | SBR Technology, Area required for STP is 95 Sqmt | | |
| f. | Scheme of disposal of excess treated water if any | - | | |
| 16 | Infrastructure for Rain water harvesting | | | |
| a. | Capacity of sump/tank to store Roof &Hardscape/soft scape run off | 200m3 of collection sump is provided<br>Area required for Rain water tank is200Sqmt | | |
| b. | No's of Ground water recharge pits | 10 nos. | | |
| 17 | Storm water management plan | We provided 200m3 of roof water collection sump and 10 nos. of recharge pits all along the project site. | | |
| 18 | WASTE MANAGEMENT | | | |
| I. | Construction Phase | | | |
| a. | Quantity of Construction & Demolition waster and its management. | Demolition Waste/ Construction Waste | | |
| | | C & D waste generated will be very minimal; this will be utilized within in the project site for formation of paved roads. | | |

| | | | | |
|---|---|---|---|---|
| | b. | Quantity of Solid waste generation and mode of Disposal other than C&D. | Quantity of solid waste generation during construction other than C&D.-0.5kg/day | |
| | | | Mode of Disposal: Given to BBMP authorities | |
| | II. | Operational Phase | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required) | Quantity: | 122 kg/day |
| | | | Mode of Disposal: | Biodegradable waste will be processed in organic waste converter |
| | | | Capacity of facility: | 122kg/day Capacity |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 182 kg/day |
| | | | Mode of Disposal: | Non- Biodegradable waste will be given to authorized vendors |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 50-60lts |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 50 kg/year |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| 19 | | POWER | | |
| | a. | Total Power Requirement -Operational Phase | 540 KW | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 500 KVA X 1 No. | |
| | c. | Details of Fuel used for DG Set | Low Sulphuric diesel | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 24.0% | |
| 20 | | PARKING | | |
| | a. | Parking Requirement as per norms (ECS) | 149 | |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report on OMR<br>towards KR Puram MCW signal is D<br>towards KR Puram SR is B<br>towards Hoskote MCW is D<br>towards Hoskote SR is B | |
| | c. | Internal Road width (RoW) | 8.0 m | |
| 21 | | CER Activities | To provide infrastructure development of nearby Govt School/ Hospital. | |
| 22 | | EMP (Details and capital cost & recurring cost) | Construction phase:113.0 Lakhs<br>Operation phase: 588.0 Lakhs | |

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 site is vacant land and no construction activity has started. The Committee noted the clarification given by the Proponent.

The proposal is for construction of a residential apartment project in an area demarcated for industrial use as per Hoskote Planning Authority, for which Proponent informed that they had obtained conversion of land to residential use from DC.

The Committee during appraisal sought details regarding source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that regarding source of water during operation they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 100KLD out of which about 67KLD of fresh water requirement would be met from 2 existing borewells, only after obtaining NoC from KGWA for extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 67 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures of 200Cum for runoff from rooftop, hardscape and landscape areas with 10recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 100 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rainwater storage structure of 200 cum and 10 recharge pits.
5. To grow 100 trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.10 Residential Building with Club House project at Sy.Nos.45/2, 45/3,45/4, 45/5, 45/7, 45/8, 45/9, 45/10, 45/11, 45/12, 46/4, 46/5, 46/13 & 46/19 of Chickenekkundi Village, Sarjapur Hobli, Anekal Taluk, Bangalore Urban District by M/s. Surya Builders and Developers – Online Proposal No.SIA/KA/INFRA2/469458/2024(SEIAA 168 CON 2024)**

**About the project:**

| Sl.No. | Particulars | Information Provided by Proponent |
|---|---|---|
| 1 | Name & Address of the Project Proponent | Proposed Residential Building with Club House (ROW HOUSE BUILDING)by<br>M/s. SURYA BUILDERS AND DEVELOPERS,<br>Rep. by its Managing Partner<br>Mr. T. MAHESHWARA REDDY,<br>No.976/D, AECS Layout,'A' Block, Singasandra Post, Bangalore- 560068 |
| 2 | Name & Location of the Project | Residential Building with club house project at Sy.Nos.45/2, 45/3,45/4, 45/5, 45/7, 45/8, 45/9, 45/10, 45/11, 45/12, 46/4, 46/5, 46/13 & 46/19 of Chickenekkundi Village, SarjapurHobli, Anekal Taluk, Bangalore. |
| 3 | Type of Development | |
| | a. Residential Apartment / Villas / Row Houses /Vertical Development / Office / IT/ ITES/ Mall/ Hotel/ Hospital /other | Residential Building with Club House (ROW HOUSE BUILDING)<br>Category 8(a) |
| | b. Residential Township/ Area Development Projects | NA |
| | c. Zoning Classification | As per the CDP project site is designated as Agricultural zone; and the land has been converted for Residential purposes. |
| 4 | New/ Expansion/ Modification/ Renewal | New |
| 5 | Water Bodies/ Nalas in the vicinity of project site | 1.Towards South left 25m Secondary Nala Buffer As per Village Map<br>2.Towards West left 25m Nala Buffer As per CDP / RTC<br>3.Towards East 15m Nala buffer is left<br>4.Lake is at distance of 135.07 m from project site |
| 6 | Plot Area (Sqm) | 36,952.55 Sqm |
| 7 | Built Up area (Sqm) | 49,226.28 Sqm |
| 8 | FAR<br>• Permissible<br>• Proposed | <br>2.0<br>1.01 |
| 9 | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | Buildings 01 &11 - (G+ 02UF)<br>building height of 9.90 m.<br>Club house 1 & 2– (B+G+4UF) |
| 10 | Number of units/plots in case of Construction/Residential Township/Area Development Projects | 147 nos. |
| 11 | Height Clearance | As per CCZM permissible top elevation is 928m AMSL and proposed height is 920.95m AMSL |
| 12 | Project Cost (Rs. In Crores) | Rs. 100cr |
| 13 | Quantity excavated earth & its | During Construction total 30,000 Cum excavation |

| | | | | |
|---|---|---|---|---|
| | | management | will be doneand Excavated earth we will be used within our project site only. | |
| 14 | | Details of Land Use (Sqm) | | |
| | a. | Ground Coverage Area | 16,869.53 Sqm | |
| | b. | Total Green belt on Mother Earth | 3557.84 Sqm | |
| | c. | Internal Roads | 12,334.0 Sqm | |
| | d. | Paved area | | |
| | e. | Others Specify | Kharab area is 1441.68 Sqm | |
| | | | Area under Existing road is 17.33 Sqm | |
| | | | Site area for Development is 35,493.54 Sqm | |
| | | | Road Widening Area is 34.20 Sqm | |
| | | | Net Site area is 35,459.34 Sqm | |
| | f. | C.A Site area | 1785.24 Sqm | |
| | g. | Parks and Open space in case of Residential Township/ Area Development Projects | --- | |
| | h. | Total | 36,952.55 Sqm | |
| 15 | | WATER | | |
| | I. | Construction Phase | | |
| | a. | Source of water | BWSSB STP treated water/Nearby STP treated water | |
| | b. | Quantity of water for Construction in KLD | 25 | |
| | c. | Quantity of water for Domestic Purpose in KLD | 4 | |
| | d. | Waste water generation in KLD | 4 | |
| | e. | Treatment facility proposed and scheme of disposal of treated water | Mobile sewage Treatment Plant | |
| | II. | Operational Phase | | |
| | a. | Total Requirement of Water in KLD | Fresh | 57 |
| | | | Recycled | 47 |
| | | | Total | 104 |
| | b. | Source of water | Borewell | |
| | c. | Wastewater generation in KLD | 94 | |
| | d. | STP capacity and Area required | 95KLD | |
| | e. | Technology employed for Treatment | SBR Technology, Area required for STP is 95Sqmt | |
| | f. | Scheme of disposal of excess treated water if any | - | |
| 16 | | Infrastructure for Rain water harvesting | | |
| | a. | Capacity of sump/tank to store Roof & Hardscape/soft scape run off | 680 m3 of collection sump is provided<br>Area required for Rain water tank is680Sqmt | |
| | b. | No's of Ground water recharge pits | 36 nos. | |
| 17 | | Storm water management plan | We provided 180m3 of roof water collection sump and 15 nos. of recharge pits all along the project site. | |
| 18 | | WASTE MANAGEMENT | | |
| | I. | Construction Phase | | |
| | a. | Quantity of Construction & Demolition waster and its management. | Demolition Waste/ Construction Waste | |
| | | | C & D waste generated will be very minimal; this will be utilized within in the project site for formation of paved roads. | |
| | b. | Quantity of Solid waste generation and | Quantity of solid waste generation during | |

| | | | | |
|---|---|---|---|---|
| | | mode of Disposal other than C&D. | construction other than C&D.-0.5kg/day | |
| | | | Mode of Disposal: Given to BBMP authorities | |
| | II. | Operational Phase | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms (Capacity of OWC & Area required) | Quantity: | 200 kg/day |
| | | | Mode of Disposal: | Biodegradable waste will be processed in organic waste converter |
| | | | Capacity of facility: | 200kg/day Capacity |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 130 kg/day |
| | | | Mode of Disposal: | Non- Biodegradable waste will be given to authorized vendors |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 80-100lts |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 80 kg/year |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| 19 | | POWER | | |
| | a. | Total Power Requirement -Operational Phase | 588kW | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 250 KVA X 2 Nos | |
| | c. | Details of Fuel used for DG Set | Low Sulphuric diesel | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 59.0% | |
| 20 | | PARKING | | |
| | a. | Parking Requirement as per norms (ECS) | 287 | |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report on SH-35 towards SH-35 is B | |
| | c. | Internal Road width (RoW) | 8.0 m | |
| 21 | | CER Activities | To provide infrastructure development of nearby Govt School/ Hospital. | |
| 22 | | EMP (Details and capital cost & recurring cost) | Construction phase:133.0 Lakhs<br>Operation phase:283.0 Lakhs | |

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

The Committee during appraisal sought details regarding drain & water body as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the water body in east is at a distance of 135mts to the site area and out of the buffer zone, regarding the secondary drain in western & sourthern sides, buffer of 25mtrs is proposed from the center of the drain. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 104 KLD out of which about 57 KLD of fresh water requirement would be met from 2 existing borewells in the proposed project area,

only after obtaining NoC from KGWA for extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 57 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures with total capacity of680Cum for runoff from rooftop and additional tank of 180cum for hardscape and landscape areas with 36 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 465 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rain water storage structure of 680cum, 180cum and 36 recharge pits.
5. To grow 465 trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road.
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.11 Amendment of E.C. - Residential Apartment Project at Sy.Nos.7/1, 7/2, 7/3P, 9/1P, 9/2P & 10 of Kempanahalli Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru Urban District by M/s. Ajmera Housing Corporation – Online Proposal No.SIA/KA/INFRA2/494955/2024(SEIAA 01 CON 2017)**

**About the project:**

The proposal is for issue of amendment to EC issued by SEIAA on 26.04.2017. The Proponent informed that due technical and commercial reasons with reference to EC issued earlier, they had applied for amendment and submitted CCR from MoEF&CC dated 20.09.2024, informing that the project is under construction stage and requested the Committee to issue an amendment with the following changes,

| Parameters | As per EC No. SEIAA 1 CON 2017 dated 26.04.2017 | As per EC Amendment (Now Applying) | Remarks |
|---|---|---|---|
| Total Plot Area | 42.491.62 Sqm | 42.491.62 Sqm | No Change |
| Total Built up area | 1,44,875.91 Sqm | 1,43,484.48 Sqm | Decreased by 1391.43 Sqm |
| No of units | 1216 Units | 852 Units | Decreased by 364 Units |
| Building Configuration | 4 Towers with B+S+19 UF each and 2 Nos of club house with G+2UF | Total 3 Buildings out of which Building 1 (Wing A & B) with B+G+19 UF, Building 2 (Wing C & D) with B+G+14 UF, Building 3 (Wing E & F And Wing G & H ) with B+G+21 UF each and club house with B + G+3UF. | - |
| Water Consumption | 820 KLD | 680 KLD | Decreased by 140 KLD |
| Waste water generation | 740 KLD | 544 KLD | Decreased by 196 KLD |
| STP Capacity | 750 KLD | 600 KLD | Decreased by 150 KLD |
| Total solid wastes | 3040 kg/Day | 2352 kg/Day | Decreased by 688 kg/day |
| Organic waste | 1824 kg/day | 1418.2 kg/day | Decreased by 405.8 kg/day |
| Inorganic waste | 1216 kg/day | 933.8 kg/day | Decreased by 282.2 kg/day |
| STP sludge | 37 kg/day | 27.20 kg/day | Decreased by 9.80 kg/day |
| DG Set Capacity | 3 No X 500 KVA | 3 No X 500 KVA | No Change |
| Rain water harvesting Sump capacity | 100 Cum | 100 cum | No Change |
| Number of Recharge Pits | 8 Nos of 1.8 m Dia & 3.0 m Depth proposed to harvest paved area runoff and 14 Nos of pits to harvest hardscape runoff | 8 Nos of 1.8 m Dia & 3.00 m Depth proposed to harvest paved area runoff and 14 Nos of pits to harvest hardscape runoff | No Change |
| Capital Investment | 200 Crores | 200 Crores | No Change |

The Committee noted the changes requested by Proponent for the amendment and after discussion decided to recommend the proposal to SEIAA for issue of amendment to EC with a condition that,

1. To provide tertiary treatment facility in the proposed project.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To incorporate catalytic converter for DG sets with dual fuel option.

and all other conditions remain same and unchanged for the EC issued by SEIAA on 26.04.2017.

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

**322.1.12 Residential Apartment & Club House Project at Sy.Nos.30/24B, 30/24C, 30/25A1 & 30/25B of Thirupalya Village, Jigani Hobli, Anekal Taluk, Bengaluru Urban District by M/s. Prestige Estates Projects Ltd. – Online Proposal No.SIA/KA/INFRA2/493796/2024 (SEIAA 169 CON 2024)**

The Proponent remained absent and hence the Committee after discussion decided to defer the Project.

**Action: Member Secretary, SEAC to put up before SEAC in upcoming meetings.**

**322.1.13 Residential Apartment Building with club house Project at Sy.Nos.9/2, 9/3, 9/4 & 9/5 of ThimmadanhalliVillage, Anugondanahalli Hobli, Hoskote Taluk, Bangalore Rural District by M/s. Bold Developers – Online Proposal No.SIA/KA/INFRA2/473153/2024(SEIAA 170 CON 2024)**

**About the project:**

| Sl.No. | Particulars | Information Provided by Proponent |
|---|---|---|
| 1 | Name & Address of the Project Proponent | Proposed Residential Apartment with Club by M/s. BOLD DEVELOPERS, 2nd Floor 4/1, ASN shelters Pvt. Ltd., Khata No.1161, PattandurAgrahara Village, K.R. Puram Hobli, Bengaluru East Taluk, Bangalore Urban, Bangalore - 560066. |
| 2 | Name & Location of the Project | Residential apartment with club house project at Sy.Nos.9/2, 9/3,9/4 & 9/5 of Thimmadanhalli Village, Anugondanahalli Hobli, Hoskote Taluk, Bangalore Rural District. |
| 3 | Type of Development | |
| a. | Residential Apartment/Villas/ Row Houses/Vertical Development/ Office/IT/ITES/Mall/ Hotel/ Hospital/ other | Residential Apartment Building in Approved Residential Single Site Plan with club house project Category 8(a) |
| b. | Residential Township/ Area Development Projects | NA |
| c. | Zoning Classification | As per the CDP project site is designated as residential zone. |
| 4 | New/ Expansion/ Modification/ Renewal | New |
| 5 | Water Bodies/ Nalas in the vicinity of project site | Kunte / water body at North-East as per Village Map. |
| 6 | Plot Area (Sqm) | 9712.32Sqm |
| 7 | Built Up area (Sqm) | 26,670.92 Sqm |
| 8 | FAR<br>• Permissible<br>• Proposed | <br>1.75<br>1.74 |
| 9 | Building Configuration [Number of Blocks /Towers /Wings etc., with Numbers of Basements and Upper Floors] | No. of Units: 180 units<br>(S+G+3 UF)<br>building height of 14.95 m. |
| 10 | Number of units/plots in case of Construction/Residential Township /Area Development Projects | 180 nos. |
| 11 | Height Clearance | Low rise structure |

| | | | | |
|---|---|---|---|---|
| 12 | Project Cost (Rs. In Crores) | Rs. 80 cr | | |
| 13 | Quantity excavated earth & its management | During Construction total 20,000 Cum excavation will be doneand Excavated earth we will be used within our project site only. | | |
| 14 | Details of Land Use (Sqm) | | | |
| a. | Ground Coverage Area | 6424.84 Sqm | | |
| b. | Area under road | 437.72 Sqm | | |
| c. | Total Green belt on Mother Earth | 1112.95 Sqm | | |
| d. | Internal Roads | 1829.87 Sqm | | |
| e. | Paved area | | | |
| f. | Others Specify | -- | | |
| g. | Parks and Open space in case of Residential Township/ Area Development Projects | --- | | |
| h. | Total | 9712.32 Sqm | | |
| 15 | WATER | | | |
| I. | Construction Phase | | | |
| a. | Source of water | BWSSB STP treated water/Nearby STP treated water | | |
| b. | Quantity of water for Construction in KLD | 25 | | |
| c. | Quantity of water for Domestic Purpose in KLD | 4 | | |
| d. | Waste water generation in KLD | 4 | | |
| e. | Treatment facility proposed and scheme of disposal of treated water | Mobile sewage Treatment Plant | | |
| II. | Operational Phase | | | |
| a. | Total Requirement of Water in KLD | Fresh | 75 | |
| | | Recycled | 46 | |
| | | Total | 121 | |
| b. | Source of water | Borewell | | |
| c. | Wastewater generation in KLD | 97 | | |
| d. | STP capacity and Area required | 100 KLD | | |
| e. | Technology employed for Treatment | SBR Technology, Area required for STP is 100 Sqmt | | |
| f. | Scheme of disposal of excess treated water if any | - | | |
| 16 | Infrastructure for Rain water harvesting | | | |
| a. | Capacity of sump/tank to store Roof & Hardscape/soft scape run off | 295 m3 of collection sump is provided<br>Area required for Rain water tank is295Sqmt | | |
| b. | No's of Ground water recharge pits | 07 nos. | | |
| 17 | Storm water management plan | We provided 295 m3 of of roof water collection sump and 07 nos. of recharge pits all along the project site. | | |
| 18 | WASTE MANAGEMENT | | | |
| I. | Construction Phase | | | |
| a. | Quantity of Construction &Demolition waster and its management. | Demolition Waste/ Construction Waste | | |
| | | C & D waste generated will be very minimal; this will be utilized within in the project site for formation of paved roads. | | |
| b. | Quantity of Solid waste generation and mode of Disposal other than | Quantity of solid waste generation during construction other than C&D.-0.5kg/day | | |

| | | | | |
|---|---|---|---|---|
| | | C&D. | Mode of Disposal: Given to BBMP authorities | |
| | II. | Operational Phase | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms(Capacity of OWC & Area required) | Quantity: | 243 kg/day |
| | | | Mode of Disposal: | Biodegradable waste will be processed in organic waste converter |
| | | | Capacity of facility | 250kg/day Capacity |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 162 kg/day |
| | | | Mode of Disposal: | Non- Biodegradable waste will be given to authorized vendors |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 120-150lts |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 100 kg/year |
| | | | Mode of Disposal: | Will be given to PCB authorized recycler |
| 19 | | POWER | | |
| | a. | Total Power Requirement - Operational Phase | 780kW | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 250 KVA X 2 Nos | |
| | c. | Details of Fuel used for DG Set | Low Sulphuric diesel | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 37% | |
| 20 | | PARKING | | |
| | a. | Parking Requirement as per norms (ECS) | 198 ECS | |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report towards SH-35 is B . | |
| | c. | Internal Road width (RoW) | 4.0 m | |
| 21 | | CER Activities | To provide infrastructure development of nearby Govt School/ Hospital. | |
| 22 | | EMP (Details and capital cost & recurring cost) | Construction phase: 113.0 Lakhs<br>Operation phase:588.0 Lakhs | |

The proposal is for construction of residential building in an area earmarked for residential use as per Hoskote Planning Authority.

The Committee during appraisal sought details regarding cart track & water body as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the water body in north eastern side buffer of 30mtr is proposed from edge of the water body and the cart track in western side is left as it is with free public access. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 121KLD out of which about 75KLD of fresh water requirement would be met from 2 existing borewells and 1 proposed bore wellin the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area, justifying that drawing 75 KLD of ground water will not have adverse impact on ground water.

Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures with total capacity of 295 Cum for runoff from rooftop, hardscape and landscape areas with 07 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 125 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rain water storage structure of 295 cum and 7 recharge pits.
5. To grow 125trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road.
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.14 Development ofWarehouse Project at Sy.Nos.24/1, 24/2, 25/2, 25/1A, 25/1B & 26/1 of Besthamanahalli Village, Kasaba Hobli, Anekal Taluk, Bengaluru Urban District by M/s. Goldberg Logitech Solutions Pvt. Ltd. – Online Proposal No.SIA/KA/INFRA2/496178/2024 (SEIAA 171 CON 2024)**

**About the project:**

| Sl. No | Particulars | Information Provided by PP |
|---|---|---|
| 1 | Name & Address of the Project Proponent | Mr. Likhith Prakash Reddy,<br>Authorized Signatory,<br>M/s. Goldberg Logitech Solutions Pvt. Ltd.<br>No.5, Srivari Nilaya, Hulimavu, BG Road,<br>Bengaluru-76. |

| | | | |
|---|---|---|---|
| 2 | | Name & Location of the Project | Development of Warehouse Project at Sy. Nos. 24/1, 24/2, 25/2, 25/1A, 25/1B & 26/1 of Besthamanahalli Village,Kasaba Hobli, Anekal Taluk, Bengaluru Urban District. |
| 3 | | Type of Development | |
| | a. | ~~Residential Apartment /Villas / Row Houses /Vertical Development /Office / IT/ ITES/ Mall/ Hotel/ Hospital~~ /other | Warehouse project<br>Category 8(a). |
| | b. | Residential Township/ Area Development Projects | NA |
| | c. | Zoning Regulations | As per the Anekal Local Planning Area Master Plan – 2031, the proposed project site is designated as Industrial Zone and the land has been converted to Industrial purpose. |
| 4 | | New/ ~~Expansion/ Modification/ Renewal~~ | New |
| 5 | | Water Bodies/ Nalas in the vicinity of project site | Besthamanahalli Lake is adjacent to the project site on west side |
| 6 | | Plot Area (Sqm) | 39,203.91 Sqm |
| 7 | | Built Up area (Sqm) | 22,790.70 Sqm |
| 8 | | FAR<br>• Permissible<br>• Proposed | <br>1.25<br>0.599 |
| 9 | | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | Total built up area of the project is 22,790.70 Sqm distributed over Ground floor with a maximum height of 20.30 m. |
| 10 | | Number of units/plots in case of Construction/Residential Township /Area Development Projects | NA |
| 11 | | Height Clearance | As per CCZM, the permissible height is 135 m and the height achieved for our proposed building is 20.30 m |
| 12 | | Project Cost (Rs. In Crores) | Rs. 36.63 Crores |
| 13 | | Quantity of Excavated earth & its management | Total Excavated earth quantity – 2,560 $m^3$<br>For Backfilling& site formation – 1,582 $m^3$<br>For Landscaping – 978$m^3$ |
| 14 | | Details of Land Use (Sqm) | |
| | a. | Ground Coverage Area | 22,790.70 Sqm |
| | b. | Kharab Land | Kharab -1214.03 Sqm |
| | c. | Total Green belt on Mother Earth | 9,780.04 Sqm |
| | d. | Internal Roads | 5039.25 Sqm |
| | e. | Paved area | |
| | f. | Others Specify | Service Area – 379.89 Sqm |
| | g. | Parks and Open space in case of Residential Township/ Area Development Projects | - |
| | h. | Total | 39203.91Sqm |
| 15 | | WATER | |
| | I. | Construction Phase | |

| | | | | |
|---|---|---|---|---|
| | a. | Source of water | The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water. | |
| | b. | Quantity of water for Construction in KLD | 14.0 KLD | |
| | c. | Quantity of water for Domestic Purpose in KLD | 4.5 KLD | |
| | d. | Waste water generation in KLD | 4.0 KLD | |
| | e. | Treatment facility proposed and scheme of disposal of treated water | Domestic sewage generated during construction phase will be treated in mobile STP, treated water will be used for dust suppression/ landscaping within the site. | |
| | II. | Operational Phase | | |
| | a. | Total Requirement of Water in KLD | Fresh | 38 KLD |
| | | | Flushing | 20 KLD |
| | | | Total | 58 KLD |
| | b. | Source of water | Borewell | |
| | c. | Wastewater generation in KLD | 53 KLD | |
| | d. | STP capacity | STP Capacity – 60KLD (area 85 Sqm) | |
| | e. | Technology employed for Treatment | Sequential Batch Reactor Technology | |
| | f. | Scheme of disposal of excess treated water if any | NA | |
| 16 | | Infrastructure for Rain water harvesting | | |
| | a. | Capacity of sump/tank to store Roof & Hardscape/soft scape run off | Roof Rain water sump – 450 Cum | |
| | b. | No's of Ground water recharge pits | 84 No. of deep recharge wells | |
| 17 | | Storm water management plan | Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on east side of the site. | |
| 18 | | WASTE MANAGEMENT | | |
| | I. | Construction Phase | | |
| | a. | Quantity of Construction & Demolition waster and its management. | Demolition Waste: There are existing brick sheds, which will be dismantled and ceiling tiles will be given to nearby villages for house constructions. Construction Waste: Construction debris generated from the whole project is 12 tons and this will be reused within the site for road and pavement formation. | |
| | b. | Quantity of Solid waste generation and mode of Disposal as per norms | Total quantity of solid waste generation is 10kg/day. In which, 4 kg/day is the biodegradable waste &6 kg/day is the non-biodegradable waste and this will be handed over to local vendors. | |
| | II. | Operational Phase | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 80kg/day |
| | | | Mode of Disposal: | Segregated and will be processed in proposed organic waste converter. |
| | | | Capacity of | 100 kg/day |

| | | | | |
|---|---|---|---|---|
| | | | facility: | |
| | | | Area required: | 18 Sqm |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 120 kg/day |
| | | | Mode of Disposal: | Recyclable wastes will be handed over to authorized waste recyclers. |
| | | | Area required: | 6Sqm |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | 76 L/Annum (0.152 L/ running) hour of DG |
| | | | Mode of Disposal: | Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. |
| | | | Area required: | 4Sqm |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 0.38 ton/annum |
| | | | Mode of Disposal: | E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing. |
| | | | Area required: | 4 Sqm |

| | | | | | | |
|---|---|---|---|---|---|---|
| 19 | | POWER | | | | |
| | a. | Total Power Requirement - Operational Phase | 927 kVA | | | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 500 KVA – 2 Nos.<br>Stack Height ARL - 7 m | | | |
| | c. | Details of Fuel used for DG Set | 221.20 l/hr | | | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 5star transformer, Solar PV Panels, LED lights<br>The overall energy savings is around 26.22 % | | | |
| 20 | | PARKING | | | | |
| | a. | Parking Requirement as per norms (ECS) | Provided : 251No's of cars &23 No. of Truck | | | |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | Road | Towards | Existing | Changed scenario after road widening |
| | | | Approach Road | | A | A |
| | | | Attibele-Anekal Road | | C | B |
| | c. | Internal Road width (RoW) | 9.14 m wide approach Road | | | |
| 21 | | CER Activities | To provide developmental works in Govt. New Model School, Anekal | | | |
| 22 | | EMP (Details and capital cost & recurring cost) | Construction Phase:<br>Capital Investment – 15.00 Lakh<br>Construction – 66.01 Lakh<br>Operation Phase:<br>Capital investment – 248.12 Lakh<br>Operation Investment – 23.96 Lakh/annum | | | |

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 there is old brick shed, which will be dismantled and the ceiling tiles would be given to local villagers for their house construction and remaning debris wouldbe handled within the site area and no construction activity has started. The Committee noted the clarification given by the Proponent.

The proposal is for construction of warehouse project in an area earmarked for industrial use as per Anekal Planning Authority.

The Committee during appraisal sought details regarding water body as per village map, nature of activity in the proposed construction, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that for the water body in south west, buffer of 30mtr is proposed from the edge of water body. Regarding the activity in the proposed warehouse, Proponent informed that it will be used for e-commerce business like amazon, flipkart for storingnon-hazardous fast-moving consumer goods. Regarding source of water during operation, Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 58 KLD out of which about 38 KLD of fresh water requirement would be met from 2 existing borewellsin the proposed project area, only after obtaining NoC from KGWA for extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 38 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures with total capacity of450 Cum for runoff from rooftop, hardscape and landscape areas with 84 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install aerators for to conserve water, to utilize complete roof area for solar power generation, 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 475 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize complete roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rain water storage structure of 450 cum and 84 recharge pits.
5. To grow 475trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.

7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install aerators to conserve water.
10. To provide bell mouth entry/exist from the approach road.
11. Excess treated water should be utilized with in the site area.
12. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.15 Row Houses and Club House Project at Sy.Nos.38/4A, 38/4B, 38/4C, 38/10 & 38/11 of Kadathanamale Village, Hesaraghatta Hobli, Bengaluru North Taluk,Bengaluru Urban District by M/s. Mims Builders Pvt. Ltd.– Online Proposal No.SIA/KA/INFRA2/499295/2024(SEIAA 159 CON 2024)**

**About the project:**

| Sl.No. | Particulars | Information Provided by PP |
|---|---|---|
| 1 | Name & Address of the Project Proponent | Mr. ZakiullaShariff, Chairman & Managing Director<br>M/s. MIMS Builders Pvt. Ltd.,<br>No. 99, Infantry Road, Bengaluru – 560 001. |
| 2 | Name & Location of the Project | Development of "Row Houses and Club House" Project at Sy.Nos.38/4A, 38/4B, 38/4C, 38/10 & 38/11 of Kadathanamale Village, Hesaraghatta Hobli,Bengaluru North Taluk, Bengaluru Urban District. |
| 3 | Type of Development | |
| a. | Residential Apartment / ~~Villas / Row Houses /Vertical Development / Office / IT/ITES/Mall/ Hotel/ Hospital /other~~ | Row Houses andClub house<br>Category 8(a) |
| b. | Residential Township/ Area Development Projects | NA |
| c. | Zoning Classification | As per the BIAAPA Master Plan 2021, the proposed project site is designated as Residential zone. |
| 4 | New/ ~~Expansion/ Modification/ Renewal~~ | New |
| 5 | Water Bodies/ Nalas in the vicinity of project site | There are no nala within 50 m radius of the project site.<br>There are no lake/water body within 30 m radius of the project site. |
| 6 | Plot Area (Sqm) | 18,817.75Sqm |
| 7 | Built Up area (Sqm) | 28,713.28Sqm |
| 8 | • FAR Permissible<br>• Proposed | 1.75<br>1.12 |
| 9 | Building Configuration [Number of Blocks/Towers/Wings etc., with Numbers of Basements and Upper Floors] | Proposed project comprisingof 76 no. of row houses in Block A & B: GF+2UF and Club House: GF+2UF with a maximum height of 10.35 m. |

| | | | |
|---|---|---|---|
| 10 | Number of units/plots in case of Construction/Residential Township /Area Development Projects | NA | |
| 11 | Height Clearance | As per CCZM, the permissible height is 105.5 m and the height achieved for our proposed building is 10.35 m | |
| 12 | Project Cost (Rs. In Crores) | Rs.54.07 Crores | |
| 13 | Quantity of Excavated earth & its management | Total Excavated earth quantity –4864$m^3$<br>For Backfilling – 2267$m^3$<br>For Landscaping – 970$m^3$<br>For driveway & site formation – 1627 $m^3$ | |
| 14 | Details of Land Use (Sqm) | | |
| a. | Ground Coverage Area | 9,610.56Sqm | |
| b. | Kharab Land | 303.51 Sqm – Foot Kharab | |
| c. | Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 | 4,843.33Sqm | |
| d. | Internal Roads | 3,269.33Sqm | |
| e. | Paved area | | |
| f. | Others Specify | Services – 189.00Sqm<br>Road widening area –602.02 Sqm | |
| g. | Parks and Open space in case of Residential Township/ Area Development Projects | - | |
| h. | Total | 18,817.75Sqm | |
| 15 | WATER | | |
| I. | Construction Phase | | |
| a. | Source of water | The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water. | |
| b. | Quantity of water for Construction in KLD | 13KLD | |
| c. | Quantity of water for Domestic Purpose in KLD | 2.3KLD | |
| d. | Waste water generation in KLD | 2.0KLD | |
| e. | Treatment facility proposed and scheme of disposal of treated water | Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/ landscaping within the site. | |
| II. | Operational Phase | | |
| a. | Total Requirement of Water in KLD | Fresh | 49KLD |
| | | Flushing | 25KLD |
| | | Total | 74KLD |

| | | | | |
|---|---|---|---|---|
| | b. | Source of water | Borewell | |
| | c. | Wastewater generation in KLD | 67KLD | |
| | d. | STP capacity and area required | STP Capacity –75KLDand area 95Sqm | |
| | e. | Technology employed for Treatment | Sequential Batch Reactor Technology | |
| | f. | Scheme of disposal of excess treated water if any | 9 KLD for construction works/ avenue plantation. | |
| 16 | | Infrastructure for Rain water harvesting | | |
| | a. | Capacity of sump tank to store Roof run off | 600 cum | |
| | b. | No's of Ground water recharge pits | 26No. of recharge pits. | |
| 17 | | Storm water management plan | Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on northern side of the project site. | |
| 18 | | WASTE MANAGEMENT | | |
| | I. | Construction Phase | | |
| | a. | Quantity of Construction & Demolition waste and its management. | Construction debris –Construction debris generated from the whole project is 14 Tons and this will be reused within the site for road and pavement formation. | |
| | b. | Quantity of Solid waste generation and mode of Disposal other than C&D. | Total quantity of solid waste generated is 5 kg/day. In which, 2 kg/day is the biodegradable waste & 3 kg/day is the non-biodegradable waste and this will be handed over to authorized waste recyclers. | |
| | II. | Operational Phase | | |
| | a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 109 kg/day |
| | | | Mode of Disposal: | This will be segregated at household levels and will be processed in proposed organic waste converter. |
| | | | Capacity of facility: | 150 kg/day |
| | | | Area required: | 15 Sqm |
| | b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 163 kg/day |
| | | | Mode of Disposal: | Recyclable wastes will be handed over to authorized waste recyclers |
| | | | Area required: | 8 Sqm |
| | c. | Quantity of Hazardous Waste generation and mode of Disposal as per | Quantity: | Waste Oil Generation: 40 L/Annum (0.08 L/ running) hour of DGs. |

| | | | | |
|---|---|---|---|---|
| | | norms | Mode of Disposal: | Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. |
| | | | Area required: | 4 Sqm |
| | d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 0.27 Ton/Annum |
| | | | Mode of Disposal: | E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing. |
| | | | Area required: | 4Sqm |
| 19 | | POWER | | |
| | a. | Total Power Requirement -Operational Phase | 1291 kVA | |
| | b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 250 KVA –2 Nos. with stack height of5 m ARL. | |
| | c. | Details of Fuel used for DG Set | 110.60 l/hr | |
| | d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 5 star rated transformer, solar PV panels, solar water heater, LED, energy efficient PHE pumps, VFDs in lifts etc.<br>The overall energy savings is around 34.9 % | |
| 20 | | PARKING | | |
| | a. | Parking Requirement as per norms | 167 ECS<br>(50% of required residential cars i.e. 76 Nos. of the EV Charging facility will be provided | |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | **Approach** | **Existing** / **Changed after road widening** |
| | | | Doddaballapura Main Road | |
| | | | Doddaballapura | B / A |
| | | | Yelahanka | B / A |
| | c. | Internal Road width (RoW) | 12 m wide Approach Road | |
| 21 | | CER Activities | Renovation of class rooms & drinking water facility to Govt. Higher Primary School, Dodda tumkuru village, Bengaluru | |
| 22 | | EMP (Details and capital cost & recurring cost) | During Construction:<br>Capital Investment – 8.20 Lakh<br>Construction – 69.90 Lakh<br>During Operation:<br>Capital investment – 230.98 Lakh<br>Operation Investment – 23.96 Lakh/annum | |

The proposal is for construction of residential building in an area earmarked for residential use as per BIAAPA.

The Committee during appraisal sought details regarding foot kharab as per village map, source of water during operational phase and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that the foot kharab in north is an existing public road which is also the existing road to the project. Regarding source of water during operation phase,Proponent informed that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 74KLD out of which about 49KLD of fresh water requirement would be met from 2 existing borewellsin the proposed project area, only after obtaining NoC from KGWA for extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 49 KLD of ground water will not have adverse impact on ground water. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures with total capacity of 600 Cum for runoff from rooftop, hardscape and landscape areas with 26 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 225trees 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rain water storage structure of 600 cum and 26 recharge pits.
5. To grow 225 trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road.
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.16 Residential Apartment Project at New Sy.Nos.87/3 & 87/4 (Old Sy.No.87/1) of Mahal Chowdadenahalli Village, SarjapuraHobli, Anekal Taluk, Bengaluru Urban District by M/s. Modern Projects – Online Proposal No.SIA/KA/INFRA2/488143/2024(SEIAA 172 CON 2024)**

**About the project:**

| Sl.No. | Particulars | Information Provided by PP |
|---|---|---|
| 1 | Name & Address of the Project Proponent | Mr. Vinay Gurudutt, Partner<br>M/s. Modern Projects<br>No.502, 5th Floor, Sakti Statesman,Green Glen Layout, Sarjapura Outer Ring Road, Bellandur, Bengaluru – 560 103. |
| 2 | Name & Location of the Project | Development of "Residential Apartment" Project.<br>New Sy. Nos. 87/3 & 87/4 (Old Sy. No. 87/1), Mahal Chowdadenahalli Village, Sarjapura Hobli, Anekal Taluk, Bengaluru Urban District. |
| 3 | Type of Development | |
| a. | Residential Apartment/~~Villas / Row Houses/Vertical Development/ffice /IT/ITES/Mall/Hotel/Hospital /other~~ | Residential Apartment<br>Category 8(a) |
| b. | Residential Township/ Area Development Projects | NA |
| c. | Zoning Classification | As per the Master plan of ALPA 2031, the proposed project site is designated as Residential and commercial zone and as per ALPA zoning regulations residential is permissible under commercial zone. |
| 4 | New/~~Expansion/ Modification/ Renewal~~ | New |
| 5 | Water Bodies/ Nalas in the vicinity of project site | There is a secondary nala on northern side of the project site. |
| 6 | Plot Area (Sqm) | 16,945.97 Sqm |
| 7 | Built Up area (Sqm) | 63,126.47Sqm |
| 8 | FAR<br>• Permissible<br>• Proposed | <br>2.5<br>2.49 |
| 9 | Building Configuration [Number of Blocks / Towers / Wings etc., with Numbers of Basements and Upper Floors] | 2BF+GF+14UF |
| 10 | Number of units/plots in case of Construction/Residential Township /Area Development Projects | NA |
| 11 | Height Clearance | As per CCZM, the permissible height is 136.5 m and the height achieved for our proposed building is 44.95 m. |
| 12 | Project Cost (Rs. In Crores) | Rs.127.07Crores |
| 13 | Quantity of Excavated earth & its management | Total Excavated earth quantity –47880$m^3$<br>For Backfilling – 18195$m^3$<br>For Landscaping – 9986$m^3$<br>For driveway & hardscape – 5268$m^3$<br>For site formation – 14431 $m^3$ |
| 14 | Details of Land Use (Sqm) | |

| | | | | |
|---|---|---|---|---|
| | a. | Ground Coverage Area | 2943.30Sqm | |
| | b. | Kharab Land | -- | |
| | c. | Total Green belt on Mother Earth for projects under 8(a) of the schedule of the EIA notification, 2006 | 4993.45Sqm | |
| | d. | Internal Roads | 3512.28Sqm | |
| | e. | Paved area | | |
| | f. | Others Specify | Services -474.48Sqm<br>CA Area -847.30 Sqm<br>STRR land Bank- 847.30 Sqm<br>Road Widening Area - 3327.86 sqm | |
| | g. | Parks and Open space in case of Residential Township/ Area Development Projects | - | |
| | h. | Total | 16,945.97Sqm | |
| 15 | | WATER | | |
| | I. | Construction Phase | | |
| | a. | Source of water | The domestic water requirement will be met by external suppliers and water requirement for construction purpose will be met by STP tertiary treated water. | |
| | b. | Quantity of water for Construction in KLD | 30KLD | |
| | c. | Quantity of water for Domestic Purpose in KLD | 4.5KLD | |
| | d. | Waste water generation in KLD | 4.0 KLD | |
| | e. | Treatment facility proposed and scheme of disposal of treated water | Domestic sewage generated during construction phase will be collected and treated in mobile STP, treated water will be reused for dust suppression/ landscaping within the site. | |
| | II. | Operational Phase | | |
| | a. | Total Requirement of Water in KLD | Fresh | 143KLD |
| | | | Flushing | 72KLD |
| | | | Total | 215KLD |
| | b. | Source of water | Borewell | |
| | c. | Wastewater generation in KLD | 194 KLD | |
| | d. | STP capacity and area required | STP Capacity –200KLDand area 220Sqm | |
| | e. | Technology employed for Treatment | Sequential Batch Reactor Technology | |
| | f. | Scheme of disposal of excess treated water if any | Excess76KLD for construction works/avenue plantation. | |
| 16 | | Infrastructure for Rain water harvesting | | |
| | a. | Capacity of sump tank to store Roof run off | 300 cum | |
| | b. | No's of Ground water recharge pits | 22 Nos. | |
| 17 | | Storm water management plan | Strom water sump of capacity 110 cum will be provided for hardscape runoff.<br>Internal garland drains will be provided within the site in order to carry out the storm water into the recharge pits and will be managed within the site, excess runoff will be routed to the external storm water drain on | |

| | | | | |
|---|---|---|---|---|
| | | northside of the project site. | | |
| 18 | WASTE MANAGEMENT | | | |
| I. | Construction Phase | | | |
| a. | Quantity of Construction & Demolition waste and its management. | Demolition Waste: Nil<br>Construction debris – 31 Tons<br>This will be reused within the site for road and pavement formation. | | |
| b. | Quantity of Solid waste generation and mode of Disposal other than C&D. | Total quantity of solid waste generated is 10.0 kg/day. In which, 4.0 kg/day is the biodegradable waste &6.0 kg/day is the non-biodegradable waste and this will be handed over to local vendors. | | |
| II. | Operational Phase | | | |
| a. | Quantity of Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 258 kg/day | |
| | | Mode of Disposal: | This will be segregated at household levels and will be processed in proposed organic waste converter. | |
| | | Capacity of facility: | 300 kg/day | |
| | | Area required: | 40 Sqm | |
| b. | Quantity of Non- Biodegradable waste generation and mode of Disposal as per norms | Quantity: | 388 kg/day | |
| | | Mode of Disposal: | Recyclable wastes will be handed over to authorized waste recyclers | |
| | | Area required: | 6Sqm | |
| c. | Quantity of Hazardous Waste generation and mode of Disposal as per norms | Quantity: | Waste Oil Generation: 76 L/Annum (0.15 L/ running) hour of DGs. | |
| | | Mode of Disposal: | Hazardous wastes like waste oil from DG sets, used batteries etc. will be handed over to the authorized hazardous waste recyclers. | |
| | | Area required: | 4 Sqm | |
| d. | Quantity of E waste generation and mode of Disposal as per norms | Quantity: | 0.78 Ton/Annum | |
| | | Mode of Disposal: | E-Wastes will be collected separately & it will be handed over to authorized E-waste recyclers for further processing. | |
| | | Area required: | 4Sqm | |
| 19 | POWER | | | |
| a. | Total Power Requirement - Operational Phase | 1529 kVA | | |
| b. | Numbers of DG set and capacity in KVA for Standby Power Supply | 500 KVA – 2 Nos. with stack height of7 m ARL. | | |
| c. | Details of Fuel used for DG Set | 221.20 l/hr | | |
| d. | Energy conservation plan and Percentage of savings including plan for utilization of solar energy as per ECBC 2007 | 5 star rated transformer, solar PV panels, solar water heater, LED, energy efficient PHE pumps, lifts etc.<br>The overall energy savings is around 25.4 % | | |
| 20 | PARKING | | | |

| | | | | | |
|---|---|---|---|---|---|
| | a. | Parking Requirement as per norms | 347 ECS<br>25 % i.e., 87no. of EV charging facility will be provided in total parking. | | |
| | b. | Level of Service (LOS) of the connecting Roads as per the Traffic Study Report | ChikkaThirupathi Road | Existing | Changed scenario after road widening |
| | | | | 0.08 - A | 0.03 - A |
| | c. | Internal Road width (RoW) | 18.29 m wide Chikkathirupathi Road | | |
| 21 | | CER Activities | Providing desktops to Thindlu Govt. High School. | | |
| 22 | | EMP (Details and capital cost & recurring cost) | During Construction:<br>Capital Investment – 13.00 Lakh<br>Construction – 84.82 Lakh<br>During Operation:<br>Capital investment – 330.41 Lakh<br>Operation Investment – 23.84 Lakh/annum | | |

The proposal is for construction of residential building in an area earmarked for residential & commercial use as per Anekal local planning Authority.

The Committee during appraisal sought details regardingsource of water during operational phase, road as per zoning regulation and provisions made for harvesting rainwater in the proposed area. The Proponent informed the Committee that they have conducted hydrogeology study by CGWA accredited consultant Dr. K R Sooryanarayan, informing that the total water requirement is 215KLD out of which about 143KLD of fresh water requirement would be met from 4new borewellsin the proposed project area, only after obtaining NoC from KGWA for digging and extraction of ground water.In addition they have proposed sufficient rainwater harvesting structures to utilize the rainfall within the site area justifying that drawing 143 KLD of ground water will not have adverse impact on ground water. Regarding the CDP road in south east, Proponent informed that is is left as it is in the proposed site area. Regarding harvesting rainwater, the Proponent has informed the Committee that they have proposed rainwater storage structures with total capacity of300Cum for runoff from rooftop and another tank of 110cum for runoff fromhardscape and landscape areas with 22 recharge pits within the site area. The Committee noted the same.

Further the Committee informed the Proponent to incorporate tertiary treatment facility to treat waste water to potable standards, to install smart water meters with aerators for individual units to conserve water, to utilize minimum of 50% of roof area for solar power generation, 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 215 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. The source of water during operation phase should be as specified in the CGWA hydrogeology report and to provide tertiary treatment to the wastewater to bring it to potable standards.
2. To utilize minimum of 50% of roof area for solar power generation.
3. To provide minimum 10% of total parking with e-vehicle charging facility.
4. To provide rainwater storage structure of 300 cum, 110 cum and 22 recharge pits.
5. To grow 215 trees in the early stage before taking up of construction.
6. To carry out community recharge of bore wells in the vicinity of the site.
7. To construct lead of drains till the natural drains/water body for handling excess water.
8. To incorporate catalytic converter for DG sets with dual fuel option.
9. To install smart water meters with aerators for individual units to conserve water.
10. To incorporate additional dust control measures during construction.
11. To provide bell mouth entry/exist from the approach road.
12. Excess treated water should be utilized with in the site area.
13. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.17 Grey GraniteQuarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk, ChikkaballapuraDistrict (2-22 Acres) by Sri B. Yatish Kumar – Online Proposal No.SIA/KA/MIN/499745/2024 (SEIAA 252 MIN 2024)**

**About the project:**

| Sl.No. | Particulars | Information Provided by Proponent |
|---|---|---|
| 1 | Name & Address of the Projects Proponent | Sri B. Yatish Kumar |
| 2 | Name & Location of the Project | Grey Granite Quarry Project at Sy.No.04 of Gummalapura Village, Chikkaballapura Taluk, Chikkaballapura District (2-22 Acres) |
| 3 | Type Of Mineral | Grey Granite Quarry Project |
| 4 | New/Expansion/Modification/ Renewal | New |
| 5 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government |
| 6 | Area in Acres | 2-22 Acres |
| 7 | Annual Production (Metric Ton / Cum) Per Annum | 18,868 Cum /annum(including waste)(9,434 Cum/annum – Recovery), (2,830 Cum/annum – Building Stone)(6,604 Cum/annum Ornamental Waste) |
| 8 | Project Cost (Rs. In Crores) | Rs. 1.30 Crores (Rs.130 Lakhs) |
| 9 | Proved Quantity of mine/ Quarry- Cu.m / Ton | 2,82,864Cum (including waste) |
| 10 | Permitted Quantity Per Annum -Cu.m / | 9,434Cum/annum (recovery) |

| | | |
|---|---|---|
| | Ton | |
| 11 | CER Activities: | |

| Year | Corporate Environmental Responsibility (CER) |
|---|---|
| 1st | Providing solar power panels to the GLPS school at Gummalapura Village |
| 2nd | The proponent proposes to distribute nursery plants at Gummalapura Village & Strengthening of approach road |
| 3rd | Rain water harvesting pits to the GLPS school at Gummalapura Village |
| 4th | Health camp in GLPS school at Gummalapura Village |
| 5th | |

| | | |
|---|---|---|
| 12 | EMP Budget | Rs. 41.16 lakhs (Capital Cost) & Rs.8.06 lakhs (Recurring cost) |
| 13 | Quarry plan | 19.09.2024 |
| 14 | Cluster certificate | 20.09.2024 |
| 15 | Forest NoC | 14.06.2024 |
| 16 | Revenue NOC | 08.08.2024 |
| 17 | Notification | 31.08.2024 |

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent informed to the Committee that the proposed area is fresh land and no mining has been carried out by Proponent. The Committee noted the clarification given by the Proponent.

As per the cluster sketch there are another 12 leases in a radius of 500 mtr from the said lease, out of which 11 leases are exempted from cluster as the leases were granted prior to 09.09.2013 and the total area of the remaning lease including the of applied lease is 8-22 Acres and hence the project is categorized as B2.

Considering the existing cart track road of 746 meters connecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise and informed that all are 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 2,82,864 cum (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 18,868 cum/annum (including waste), with following consideration,

1.To asphalt the approach road to the quarry as per IRC norms.
2. To grow trees all along the approach road & buffer zone during the first year of operation.
3.To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
4. To provide metal sheet fencing around the working area.
5. To take necessary measures to arrest noise and vibration from the quarry area.
6.To consider the CER activity submitted by Proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.18 Ordinary Sand Quarry Project at Sy.Nos.220/*/3, 220/*/4 & 220/*/5 of Bhankur Village, Shahabad Taluk, Kalaburagi District (6-00 Acres) (2.428 Ha.) by Sri Khaleel Masood Ali – Online Proposal No.SIA/KA/MIN/502279/2024(SEIAA 251 MIN 2024)**

**About the project:**

| Sl.No | Particulars | Information Provided by Proponent |
|---|---|---|
| 1 | Name & Address of the Projects Proponent | Sri Khaleel Masood Ali |
| 2 | Name & Location of the Project | Ordinary Sand Quarry Project at Sy.Nos.220/*/3, 220/*/4 & 220/*/5 of Bhankur Village, Shahabad Taluk, Kalaburagi District (6-00 Acres) (2.428 Ha.)<br>17° 06' 45.3011" 76° 57' 26.0001"<br>17° 06' 45.8009" 76° 57' 23.4007"<br>17° 06' 54.3010" 76° 57' 24.2011"<br>17° 06' 53.9006" 76° 57' 27.7004" |
| 3 | Type Of Mineral | OrdinarySand Quarry Project |
| 4 | New / Expansion / Modification / Renewal | New |
| 5 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Patta |
| 6 | Area in Acres | 6-00 Acres (2.428 Ha.) |
| 7 | Annual Production (Metric Ton / Cum) Per Annum | 40,101Tonnes/annum (including waste) |
| 8 | Project Cost (Rs. In Crores) | Rs. 1.40 Crores (Rs. 140 Lakhs) |
| 9 | Proved Quantity of mine/ Quarry- Cu.m / Ton | 2,00,508 Tonnes (including waste) |
| 10 | Permitted Quantity Per Annum - Cu.m / Ton | 40,101Tonnes/annum(including waste) |
| 11 | CER Activities:<br>Year: Corporate Environmental Responsibility (CER)<br>1st: Providing solar power panels to the GHPS school at Bhankur Village<br>2nd: Rain water harvesting pits to the GHPS school at Bhankur Village<br>3rd: Avenue plantation either side of the approach road near Quarry site & Repair of road with drainages<br>4th: Conducting E-waste drive campaigns in GHPS at Bhankur Village.<br>5th: Health camp in GHPS at Bhankur Village; | |
| 12 | EMP Budget | Rs. 29.79 Lakhs (Capital Cost) & Rs. 7.76 lakhs (Recurring cost) |
| 13 | Forest NOC | 26.12.2023 |
| 14 | Approved by Quarry Plan | 14.10.2024 |
| 15 | Revenue NOC | 30.12.2023 |
| 16 | Cluster Certificate | 16.10.2024 |
| 17 | Irrigation NoC | 19.12.2023 |
| 18 | DSMC | 21.02.2024 |

The Committee sought clarification with respect to the present site condition based on the KML submitted by Proponent and the distance of the river to the proposed site area. The Proponent informed the Committee that the proposed area is fresh land and no mining has been carried out and informed that as per irrigation noc dated 19.12.2023, the proposed site is at a distance of 54mtr from the edge of river. The Committee noted the clarification.

As per the cluster sketch there is no lease in a radius of 500 mtr from the said lease and the total area of the applied lease is 6-00 Acres and hence the project is categorized as B2. District Sand Monitoring Committee had considered the PFR with regard to river sand replienishmentin a radius of 5 km from the proposed site area and had recommended the proposal.

Considering the existing cart track road of 303 meters connecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road in first year of operation, 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 2,00,508 Tones (including waste) and estimated the life of mine to be 5 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 40,101Tonnes/annum (including waste), with following consideration,

1. To asphalt the approach road to the quarry as per IRC norms.
2. To grow trees all along the approach road& buffer zone during the first year of operation.
3. To carry out regular health checkup for the workers in the nearby Hospital.
4. To take necessary measures to arrest noise and air pollution from the quarry area.
5. To consider the CER activity submitted by proponent with a recommendation to write to the concerned recipient about the CER activity.
6. To provide additional safety measures towards river and to provide settling pits and gully plugs towards river,
7. To reuse top soil for back fillingfor mine closure.

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

**322.1.19 Pink Granite Quarry Project at Sy.No.28/2 of Purthageri Village, Kushtagi Taluk, Koppal District (2-22 Acres) by M/s. Sree Raghavendra Enterprises – Online Proposal No.SIA/KA/MIN/503624/2024 (SEIAA 254 MIN 2024)**

**About the project:**

| Sl.No. | Particulars | Information Provided by Proponent |
|---|---|---|
| 1 | Name & Address of the Projects Proponent | M/s. Sree Raghavendra Enterprises |
| 2 | Name & Location of the Project | Pink Granite quarry Project at Sy. No.28/2 of Purthageri Village, Kushtagi Taluk, Koppal District (2-22 Acres)<br>N 15°58'57.48821" to E 76°01'09.73179"<br>N 15°58'55.89130" to E 76°01'15.99013"<br>N 15°58'51.91970" to E 76°01'13.09210"<br>N 15°58'54.03850" to E 76°01'09.39850"<br>N 15°58'54.83630" to E 76°01'09.34140"<br>N 15°58'55.83080" to E 76°01'08.39450"<br>N 15°58'56.02960" to E 76°01'08.39130"<br>N 15°58'53.08622" to E 76°01'12.23112"<br>N 15°58'55.48855" to E 76°01'14.13156" |

| | | |
|---|---|---|
| 3 | Type Of Mineral | Pink Granite Quarry Project |
| 4 | New/Expansion/Modification/ Renewa | New |
| 5 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Patta |
| 6 | Area in Acres | 2-22 Acres |
| 7 | Annual Production (Metric Ton / Cum) Per Annum | 6,668Cum /annum(including waste) (2,000 Cum/annum – Recovery & 4,668 Cum/annum - Waste) |
| 8 | Project Cost (Rs. In Crores) | Rs. 0.20 Crores (Rs.20 Lakhs) |
| 9 | Proved Quantity of mine/ Quarry-Cu.m / Ton | 60,753Cum (including waste) |
| 10 | Permitted Quantity Per Annum - Cu.m / Ton | 2,000 Cum/annum recovery |
| 11 | CER Activities: Shall be spend towards CER activities like desilting &rejuvenation Kadur Dam, providing water to Purthageri & Kadur village during summer etc. | |
| 12 | EMP Budget | Rs.60 lakhs (Capital Cost) & Rs.25 lakhs (Recurring cost) |
| 13 | Quarry plan | 30.10.2024 |
| 14 | Cluster certificate | 30.10.2024 |
| 15 | Forest NoC | 01.02.2024 |
| 16 | Revenue NOC | 30.01.2024 |
| 17 | Notification | 30.10.2024 |
| 18 | DTF | 05.03.2024 |

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent submitted to the Committee that as per DMG letter dated 27.11.2024, the workings were during 2011-12 by the adjacent leases and no working after that for which Proponent had paid penalty of 88.03Lakhs and no mining has been carried out by Proponent. The Committee noted the clarification given by the Proponent. Proponent informed the Committee that they will be obtaining common boundary permission from DGMS.

As per the cluster sketch there are 30 leases in radius of 500 mtr from the said lease and 16 leases are exempted from cluster as the leases were granted prior to 09.09.2013 and 11 leases are exempted from cluster as they are non working from last 3 years and the total area of the remaning leases including the applied lease is 10.57 Acres and hence the project is categorized as B2.

Considering the existing cart track road of about 4 km connecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise and informed that all are 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 60,753 cum (including waste) and estimated the life of mine to be 10 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 6,668 cum/annum (including waste), with following consideration,

1. To asphalt the approach road to the quarry as per IRC norms.

2. To grow trees all along the approach road & buffer zone during the first year of operation.
3. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
4. To provide metal sheet fencing around the working area.
5. To handle the waste generated by obtaining necessary permission.
6. To take necessary measures to arrest noise and vibration from the quarry area.
7. To consider the CER activity submitted by Proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.20 Pink Granite Quarry Project at Sy.Nos.27/1/2, 27/3/2 &27/3/4 of Purthageri Village, Kushtagi Taluk, Koppal District (3-00 Acres) by M/s. Sree Raghavendra Enterprises – Online Proposal No.SIA/KA/MIN/503673/2024 (SEIAA 247 MIN 2024)**

**About the project:**

| Sl.No. | Particulars | Information Provided by Proponent |
|---|---|---|
| 1 | Name & Address of the Projects Proponent | M/s. Sree Raghavendra Enterprises |
| 2 | Name & Location of the Project | Pink Granite quarry Project at Sy. Nos. 27/1/2, 27/3/2 & 27/3/4 of Purthageri Village, Kushtagi Taluk, Koppal District (3-00 Acres)<br>N 15°58'54.97750" to E 76°01'15.32330"<br>N 15°58'54.28840" to E 76°01'16.93100"<br>N 15°58'53.88850" to E 76°01'18.23080"<br>N 15°58'50.28860" to E 76°01'16.83190"<br>N 15°58'51.91970" to E 76°01'13.09210" |
| 3 | Type Of Mineral | Pink Granite Quarry Project |
| 4 | New/Expansion/Modification/ Renewal | New |
| 5 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Patta |
| 6 | Area in Acres | 3-00 Acres |
| 7 | Annual Production (Metric Ton / Cum) Per Annum | 9,900 Cum/annum(including waste)(2,970 Cum/annum–Recovery + 6,930 Cum/annum-Waste) |
| 8 | Project Cost (Rs. In Crores) | Rs. 020 Crores (Rs.20 Lakhs) |
| 9 | Proved Quantity of mine/Quarry-Cu.m / Ton | 1,87,468Cum (including waste) |
| 10 | Permitted Quantity Per Annum-Cu.m/ Ton | 2,970Cum/annum recovery |
| 11 | **CER Activities:**Shall be spend towards CER activities like desilting &rejuvenation Kadur pond, providing water to Kadur village during summer etc. | |
| 12 | EMP Budget | Rs.75 lakhs (Capital Cost) & Rs.35 lakhs (Recurring cost) |
| 13 | Quarry plan | 30.10.2024 |
| 14 | Cluster certificate | 30.10.2024 |
| 15 | Forest NoC | 10.02.2014 / 24.07.2012 |
| 16 | Revenue NOC | 28.07.2012 |
| 17 | Notification | 30.10.2024 |

The Committee initially sought clarification with respect to the present site condition based on the KML submitted by Proponent. The Proponent submitted to the Committee that as per DMG letter dated 27.11.2024, the workings were during 2011-12 by the adjacent leases and no working after that for which Proponent had paid penalty of 88.03 Lakhs and no mining has been carried out by Proponent. The Committee noted the clarification given by the Proponent. Proponent informed the Committee that they will be obtaining common boundary permission from DGMS.

As per the cluster sketch there are 30 leases in a radius of 500 mtr from the said lease out of which 16 leases are exempted from cluster as the leases were granted prior to 09.09.2013 and 11 leases are exempted from cluster as they are not working from last 3 years and the total area of the remaning leases including the applied lease is 10.57 Acres and hence the project is categorized as B2.

Considering the existing cart track road of about 4 km connecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road in first year of operation, for which the Proponent agreed.

The Proponent has collected baseline data of air, water, soil and noise and informed that all are 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 1,87,468Cum (including waste) and estimated the life of mine to be 19 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production of 9,900 Cum/annum(including waste), with following consideration,

1. To asphalt the approach road to the quarry as per IRC norms.
2. To grow trees all along the approach road & buffer zone during the first year of operation.
3. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
4. To provide metal sheet fencing around the working area.
5. To handle the waste generated by obtaining necessary permission.
5. To take necessary measures to arrest noise and vibration from the quarry area.
6. To consider the CER activity submitted by Proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.21 ToR: Building Stone Quarry Project at Sy.No.5/A2 of Chattanahalli Village, Harapanahalli Taluk,Vijayanagar District (3.40 Acres) by Sri K.M Guruprasad – Online Proposal No.SIA/KA/MIN/495307/2024 (SEIAA 246 MIN 2024)**

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 presently the crusher in the proposed area is removed and no mining has been carried out by Proponent till date. The Committee noted the clarification.

The proposal is for building stone quarry in lease area of 3.40 Acres. As the area considered for cluster is more than the threshold limit of 5 Ha, the project is categorized as B1. The Proponent had obtained Forest NoCand approved mining plan on 28.08.2024.

The Committee decided to recommend the proposal to SEIAA for issue of standard ToR with the following additional ToR to conduct EIA studies along with Public Hearing.

1. Cumulative pollution load taking into account of cluster with wind rose diagram and isopleth map and should be submitted in detail.
2. Details of foot kharab as per village map.
3. Details of common facilities provided for environment protection.
4. Traffic studies.
5. Dust mitigation methods considering nearby habitation.
6. Detailed study on impact of mining on ground water and methods of rejuvenation of the same.
7. Improvements to the approach road as per IRC (Indian Road Congress) standard norms.
8. Site specific CER and afforestation details (compensatory plantation).

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

**322.1.22 Pink Granite Quarry Project at Sy.Nos.48/1/2, 48/1/3, 48/1/5 & 48/1/6 of Kadur Village, Kushtagi Taluk, Koppal District (6-09 Acres) by M/s. Shashikiran Granites – Online Proposal No.SIA/KA/MIN/268836/2022 (SEIAA 191 MIN 2022)**

The proposal was considered in the 287th & 289th SEAC meeting. In 287th SEAC meeting the Committee had recommended the proposal to SEIAA for issue of E.C. The authority in its 227th meeting referred the proposal back informing.

*"The Authority perused the proposal and took note of the recommendation of SEAC. Further, the Authority noted the complaint received vide email (Premkumar332sd@gmail.com) dated 08th December 2022. The details are as follows;*

1. *If we check the google image, then it can be confirmed that the site is worked in the buffer zone even after obtaining the EC and this is a violation of EC.*

*The Authority perused the complaint and noted the contents of the same. The Authority also examined the documents of this proposal in the light of the compliant received and decided to refer the file back to SEAC. The SEAC shall look into the issues raised in the complaint deligently and obtain requisite clarifications/documents from the Project Proponent or any other Govt. departments as necessary."*

Further, in 289th SEAC meeting as the Proponent remained absent without intimation. The Committee decided to defer the appraisal of the project.

In the present meeting the Proponent remained absent without intimation. The Committee after discussion decided to give one more opportunity to Proponent and decided to defer the proposal.

**Action: Member Secretary, SEAC to put up before SEAC until for upcoming meetings**

**<u>DEIAA proposals for re-appraisal as per MoEF&CC OM 28.04.2023</u>**

**322.1.1Pink Granite Quarry Project at Sy.Nos.47/6 & 47/7 of Kadur Village, Kushtagi Taluk, Koppal District (2-03 Acres) by Sri Sidramappa Sangappa Channappanavar – Online Proposal No.SIA/KA/MIN/502183/2024(SEIAA 253 MIN 2024 (D))**

**About the project:**

| Sl.No. | Particulars | Information Provided by Proponent |
|---|---|---|
| 1 | Name & Address of the Projects Proponent | Sri Sidramappa Sangappa Channappanavar |

<table>
<tr><td>2</td><td>Name & Location of the Project</td><td>Pink Granite Quarry Project at Sy.Nos. 47/6 & 47/7 of Kadur Village, Kushtagi Taluk, Koppal District (2-03 Acres)<table><tr><td>15°59'12.8023"N</td><td>76°00'07.3272"E</td></tr><tr><td>15°59'12.8695"N</td><td>76°00'12.4068"E</td></tr><tr><td>15°59'14.7136"N</td><td>76°00'11.4032"E</td></tr><tr><td>15°59'14.6919"N</td><td>76°00'07.3540"E</td></tr></table></td></tr>
<tr><td>3</td><td>Type Of Mineral</td><td>Pink Granite Quarry Project</td></tr>
<tr><td>4</td><td>New/Expansion/Modification/ Renewal</td><td>Re-appraisal</td></tr>
<tr><td>5</td><td>Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other]</td><td>Patta</td></tr>
<tr><td>6</td><td>Area in Acres</td><td>2-03 Acres</td></tr>
<tr><td>7</td><td>Annual Production (Metric Ton / Cum) Per Annum</td><td>12,283 Cum/annum(including waste)(3,685 Cum – Recovery + 8,598 Cum – Waste)</td></tr>
<tr><td>8</td><td>Project Cost (Rs. In Crores)</td><td>Rs. 1.38 Crores (Rs. 138 Lakhs)</td></tr>
<tr><td>9</td><td>Proved Quantity of mine/ Quarry- Cu.m / Ton</td><td>1,44,186Cum (including waste)</td></tr>
<tr><td>10</td><td>Permitted Quantity Per Annum - Cu.m / Ton</td><td>3,685Cum/annum recovery</td></tr>
<tr><td>11</td><td colspan="2">CER Activities:<table><tr><td>Year</td><td>Corporate Environmental Responsibility (CER)</td></tr><tr><td>1st</td><td>Providing solar power panels to the GHPS school at Kadur Village.</td></tr><tr><td>2nd</td><td>Rain water harvesting pits to Kadur 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 Kadur Village.</td></tr><tr><td>5th</td><td>Health camp to the GHPS school at Kadur Village.</td></tr></table></td></tr>
<tr><td>12</td><td>EMP Budget</td><td>Rs. 21.31 lakhs (Capital Cost) & Rs. 9.02 lakhs (Recurring cost)</td></tr>
<tr><td>13</td><td>Quarry plan</td><td>31.10.2023</td></tr>
<tr><td>14</td><td>Cluster certificate</td><td>31.10.2023</td></tr>
<tr><td>15</td><td>Forest NoC</td><td>20.03.2013</td></tr>
</table>

The proposal is for appraisal / re-appraisal of the EC issued by DEIAA as per the directions of Hon'ble NGT in OA 142/2022 and MoEF&CC OM dated 28.04.2023.

The Proponent had submitted compliance to MoEF&CC OM dated 28.04.2023 and stated that the procedure as per MoEF&CC OM with SoP dated 15.01.2024 has been followed.

As there is no change in proposed production & area with reference to EC issued by DEIAA on 24.03.2018, Proponent has submitted self certified compliance to the EC conditions and has submitted DMG certified audit report till 2023-24. The Committee noted the details.

As per the cluster sketch there are 16 leases in radius of 500 mtr from the said lease out of which 10 leases are exempted as leases were granted prior to 09.09.2013 and 3 leases are exempted as ECs were issued prior to 15.01.2016 and total area of remaning leases including the applied lease is 11-32Acres and hence the project is categorized as B2.

Considering the existing cart track road to a length of 147 meters connecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry as per IRC standard norms and should grow trees all along the approach road in first year of operation, 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 1,44,186 cum (including waste) and estimated the life of mine to be 12 years.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production 12,283 cum/annum (including waste), with following consideration,

1. To asphalt the approach road to the quarry as per IRC norms.
2. To grow trees all along the approach road & buffer zone during the first year of operation.
3. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
4. To take necessary measures to arrest noise and air pollution from the quarry area.
5. To provide metal sheet fencing around the working area.
6. To consider the CER activity submitted by Proponent with a recommendation to write to the concerned recipient about the CER activity.

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

**322.1.2 Building Stone (M-sand) Quarry Project at Sy.No.110 of Thylagere Village, Devanahalli Taluk, Bangalore Rural District (1-20 Acres) by Sri M.N. Siddalinga Devaru – Online Proposal No.SIA/KA/MIN/502503/2024(SEIAA 250 MIN 2024 (D))**

**About the project:**

| Sl.No | Particulars | Information Provided by PP |
|---|---|---|
| 1 | Name & Address of the Projects Proponent | Sri M.N Siddalinga Devaru |
| 2 | Name & Location of the Project | Building Stone (M-sand) Quarry Project at Sy. No.110 of Thylagere Village, Devanahalli Taluk, Bangalore Rural District (1-20 Acres) |
| 3 | Type Of Mineral | Building Stone Quarry |
| 4 | New/Expansion/Modification/ Renewal | Re-appraisal |
| 5 | Type of Land [Forest, Government Revenue, Gomal, Private / Patta, Other] | Gomal |
| 6 | Area in Acres | 1-20 Acres |
| 7 | Annual Production (Metric Ton / Cum) Per Annum | 75,088 Tonnes/annum (including waste) |
| 8 | Project Cost (Rs. In Crores) | Rs. 1.11 Crores (Rs.111 Lakhs) |
| 9 | Proved Quantity of mine/ Quarry- Cu.m / Ton | 4,05,372 Tonnes (including waste) |
| 10 | Permitted Quantity Per Annum - Cu.m / Ton | 73,586Tonnes/annum (excluding waste) |

GPS COORDINATES OF SANCTIONED AREA

| SL NO | LONGITUDE | LATITUDE |
|---|---|---|
| A | 77° 40' 19.3"E | 13° 18' 16.9"N |
| B | 77° 40' 21.0"E | 13° 18' 15.4"N |
| C | 77° 40' 21.5"E | 13° 18' 13.3"N |
| D | 77° 40' 20.8"E | 13° 18' 13.3"N |
| E | 77°40 17.5"E | 13° 18 16.1"N |

DATUM- WGS84 + DR-3

| | | |
|---|---|---|
| 11 | CER Activities: | |
| 12 | EMP Budget | Rs. 19.03 Lakhs (Capital Cost) & Rs.7.38 Lakhs (Recurring cost) |
| 13 | Quarry plan | 08.03.2024 |
| 14 | Cluster certificate | 18.10.2024 |
| 15 | Forest NoC | 23.09.2015 |
| 16 | Audit Report | 15.10.2024 |

| Year | Corporate Environmental Responsibility (CER) |
|---|---|
| 1st | Providing solar power panels to common public places to the GHPS school at Thylagere Village |
| 2nd | Scientific support and awareness to local farmers to increase yield of crop and fodder |
| 3rd | Rain water harvesting pits to the GHPS school at Thylagere Village |
| 4th | Conducting E-waste drive campaigns at Thylagere Village. |
| 5th | Health camp in the GHPS school at Thylagere Village. |

The Committee initially noted the complaint received through mail from sonnappabhagyamma@gmail.com on 10.11.2024 and sought clarification from Proponent & Consultant about Manjunatha Stone Crusher in Sy.No.110 of Thylagere.

The Proponent informed the Committee that even though their site is part of sy no 110 of Thylagere,their area is not inside any agricultural land designated for public grazing. The proposed area is more than 500m outside the Manjunath Stones Crusher site. As per the cluster sketch given by the Department of Mines and Geology M/s. Manjunath Stones Crusher is not part of our 500m cluster. Hence the project is far away from our location. The Lokayukhta Case and DC's court cases mentioned in the complaint is not pertaining to their lease. The Committee noted the details.

The Committee during appraisal noted that the co-ordinates of the proposed site area as per AQP and notification were different. Hence, the Committee after discussion decided to defer the proposal and informed the Proponent to get clarification from DMG regarding the same.

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

**322.1.3Building Stone Quarry Project at Sy.No.425/B1 of Ucchangidurga Village, Harapanahalli Taluk, Vijayanagara District (6.20 Acres) by M/s. Revana Siddeswara Stone Crusher– Online Proposal No.SIA/KA/MIN/500032/2024 (SEIAA 249 MIN 2024 (D))**

**About the project:**

| Sl.No | Particulars | Information Provided by PP |
|---|---|---|
| 1 | Name & Address of the Projects Proponent | M/s. Revana Siddeswara Stone Crusher |
| 2 | Name & Location of the Project | Building Stone Quarry Project at Sy.No.425/B1 of Ucchangidurga Village, Harapanahalli Taluk, Vijayanagara District (6.20 Acres) |
| 3 | Type Of Mineral | Building Stone Quarry |
| 4 | New/Expansion/Modification/ Renewal | Re-appraisal |
| 5 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government |
| 6 | Area in Acres | 6.20 Acres |
| 7 | Annual Production (Metric Ton / Cum) Per Annum | 1,12,371 Tonnes/annum (including waste) |

| | |
|---|---|
| 14° 33' 06.49187" | 76° 02' 00.33565" |
| 14° 33' 08.49709" | 76° 02' 05.63221" |
| 14° 33' 02.22021" | 76° 02' 05.55197" |
| 14° 33' 00.77195" | 76° 02' 01.65409" |

| | | |
|---|---|---|
| 8 | Project Cost (Rs. In Crores) | Rs. 1.80 Crores (Rs.180 Lakhs) |
| 9 | Proved Quantity of mine/ Quarry- Cu.m / Ton | 10,48,238Tonnes (including waste) |
| 10 | Permitted Quantity Per Annum - Cu.m / Ton | 1,10,124Tonnes/annum (excluding waste) |
| 11 | CER Activities: | |

| Year | Corporate Environmental Responsibility (CER) |
|---|---|
| 1st | Providing solar power panels to the GHPS school at Ucchangidurga Village. |
| 2nd | |
| 3rd | Rain water harvesting pits to Ucchangidurga village. |
| 4th | The proponent proposes to distribute nursery plants at Ucchangidurga village & Strengthening of approach road |
| 5th | Health camp in the GHPS school at Ucchangidurga village. |

| | | |
|---|---|---|
| 12 | EMP Budget | Rs. 37.54 Lakhs (Capital Cost) & Rs. 8.03 Lakhs (Recurring cost) |
| 13 | Quarry plan | 22.09.2016 |
| 14 | Cluster certificate | 14.11.2024 |
| 15 | Forest NoC | 16.10.2015 |

The Proponent remained absent and hence the Committee after discussion decided to defer the Project.

**Action: Member Secretary, SEAC to put up before SEAC in upcoming meetings.**

**322.1.4Building Stone Quarry Project at Sy.No.6 of Halekote Village, Doddaballapura Taluk & Bangalore Rural District (1-33 Acres) (Q.L.No. 2617) by Sri G EarannaS/o Gsangatah – Online Proposal No.SIA/KA/MIN/501235/2024 (SEIAA 248 MIN 2024 (D))**

**About the project:**

| Sl.No | Particulars | Information Provided by PP |
|---|---|---|
| 1 | Name & Address of the Projects Proponent | Sri G Earanna S/o Gsangatah |
| 2 | Name & Location of the Project | Building Stone Quarry Project at Sy.No.6 of Halekote Village, Doddaballapura Taluk & Bangalore Rural District (2-00 Acres) (Q.L.No. 2617) |

| | |
|---|---|
| N 13$^0$ 21' 49.1" | E77$^0$ 25' 02.8" |
| N13$^0$ 21' 46.8" | E77$^0$ 25' 04.1" |
| N13$^0$ 21' 45.3" | E77$^0$ 25' 01.2" |
| N13$^0$ 21' 47.5" | E77$^0$ 25' 59.9" |

| | | |
|---|---|---|
| 3 | Type Of Mineral | Building Stone Quarry |
| 4 | New/Expansion/Modification/ Renewal | Re-Appraisal |
| 5 | Type of Land [Forest, Government Revenue, Gomal, Private/Patta, Other] | Government |
| 6 | Area in Acres | 1-33 Acres |
| 7 | Annual Production (Metric Ton / Cum) Per Annum | 5,793 Tonnes/annum (including waste) |
| 8 | Project Cost (Rs. In Crores) | Rs. 1.06 Crores (Rs.106 Lakhs) |
| 9 | Proved Quantity of mine/ Quarry- Cu.m / Ton | 3,36,532 Tonnes (including waste) |
| 10 | Permitted Quantity Per Annum - Cu.m / Ton | 5,677 Tonnes/annum (excluding waste) |
| 11 | CER Activities: | |

| | | |
|---|---|---|
| | Year | Corporate Environmental Responsibility (CER) |
| | 1st | Providing solar power panels to common public places to the GHPS school at Halekote Village |
| | 2nd | Scientific support and awareness to local farmers to increase yield of crop and fodder |
| | 3rd | Rain water harvesting pits to the GHPS school at Halekote Village |
| | 4th | Conducting E-waste drive campaigns at Halekote Village. |
| | 5th | Health camp in the GHPS school at Halekote Village. |
| 12 | EMP Budget | Rs. 29.44 lakhs (Capital Cost) & Rs. 5.63 lakhs (Recurring cost) |
| 13 | Quarry plan | 13.08.2024 |
| 14 | Cluster certificate | 19.08.2024 |
| 15 | Forest NoC | 16.07.2015 |
| 16 | Audit Report | 13.08.2024 |
| 17 | DEIAA EC | 09.08.2018 |

The proposal is for appraisal / re-appraisal of the EC issued by DEIAA as per the directions of Hon'ble NGT in OA 142/2022 and MoEF&CC OM dated 28.04.2023.

The Proponent had submitted compliance to MoEF&CC OM dated 28.04.2023 and stated that the procedure as per MoEF&CC OM with SoP dated 15.01.2024 has been followed.

As there is no change in proposed production & area with reference to EC issued by DEIAA on 09.08.2018, Proponent has submitted self certified compliance to the EC conditions and has submitted DMG certified audit report till 2023-24. The Committee noted the details.

The Committee during appraisal sought details regarding the reduction in quarry area from 2-00 Acres mentioned in earlier EC to the present applied area of 1-33Acres. The Proponent informed the Committee that after survey and demarcation of the quarry area by DMG, an area of 7 Guntas was reduced and accordingly they had submitted modified AQP dated 13.08.2024 for 1-33 Acres. The Committee noted the details.

As per the cluster sketch there are 2 leases in a radius of 500 mtr from the said lease and total area of all the leases including the applied lease is 8-38Acres and hence the project is categorized as B2.

Considering the existing cart track road to a length of 358meters connecting lease area to the all-weather black topped road, the Committee informed that the quarrying operation needs to be commenced after asphalting the approach road to the quarry and the road connecting the crusher as per IRC standard norms and should grow trees all along the approach road in first year of operation, 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 3,36,532 Tones (including waste) and estimated the life of mine to be co-terminus with lease period.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance for an annual production 5,793 Tonnes/annum (including waste), with following consideration,

1. To asphalt the approach road to the quarry and the road connecting the crusher as per IRC norms.

2. To grow trees all along the approach road & buffer zone during the first year of operation.
3. To carry out regular health checkup for the workers mainly for audiometry & spirometry from the nearby Hospital.
4. To take necessary measures to arrest noise and air pollution from the quarry area.
5. To provide metal sheet fencing around the working area.
6.To consider the CER activity submitted by Proponent with a recommendation to write to the concerned recipient about the CER activity.

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