

Proceedings of 165th Meeting of SEAC held on 26th and 27th May 2016

26th May 2016

Members present in the meeting:

| | | |
|-----------------------|---|--------------------|
| Shri. N. Naganna | - | Chairman |
| Prof. D.L. Manjunath | - | Member |
| Dr. S. Manjappa | - | Member |
| Dr. B.S. Jaiprakash | - | Member |
| Shri. B. Chikkappaiah | - | Member |
| Dr. N. Krishnamurthy | - | Member |
| Dr. S. Prashanth | - | Member |
| Dr. K.C. Jayaramu | - | Member |
| Sri. Srinivasaiah | - | Member |
| Dr. K.B. Umesh | - | Member |
| Sri. Subramany.M | - | Member |
| Sri. Vijaya Kumar | - | Secretary, SEAC |

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

Confirmation of the proceedings of 164th SEAC meeting held on 11th and 12th May 2016.

The State Expert Appraisal Committee, Karnataka perused the proceedings of 164th SEAC meeting held on 11th and 12th May 2016 and confirmed the same.

EIA Presentation:

165.1 Tank Terminal facility for storage of MEG, Acetic acid, Light Naphtha, LSHS, Diesel at Sy.NO. 46-1(p), 47-2(p), 47-3(p), 47-7(p1), 47-7(p2), 47-8(p), 47-13(p), 47-14(p), 47-15, 47-16(p), 47-3(p), 47-9(p), 47-10(p), 47-7(p3), Thannirbhavi, Mangalore, Dakshina Kannada District of Sri R.S.Negarkar, CEO, M/s Raftaar Terminals Pvt. Ltd., #4/152, Laxman Building, NH-66, Kottara Chowki, Mangalore- 575006 (SEIAA 12 IND 2015)

This is a proposal seeking Environment Clearance for Tank Terminal facility for storage of MEG, Acetic acid, Light Naphtha, LSHS, Diesel at Sy.NO. 46-1(p), 47-2(p), 47-3(p), 47-7(p1), 47-7(p2), 47-8(p), 47-13(p), 47-14(p), 47-15, 47-16(p), 47-3(p), 47-9(p), 47-10(p), 47-7(p3), Thannirbhavi, Mangalore, Dakshina Kannada District by M/s Raftaar Terminals Pvt. Ltd.

The Proponent and Environment Consultant attended the 133rd meeting of SEAC held on 19th and 20th March 2015 to provide clarification/additional information.

The committee observed that the project site is located within the CRZ. The proponent informed that a part of the project site falls in CRZ I and major portion of the area falls in CRZ III. The proponent further submitted that it is a permissible activity in CRZ III.

The proponent was advised to approach the State Coastal Zone Management Authority as recommendation from the State Coastal Zone Management Authority is a statutory requirement for issue of Environment Clearance to such projects which attracts both CRZ Notification 2011 and EIA Notification 2006. The proponent was also advised to take necessary clearance for the pipeline from the competent Authority.

The committee screened the proposal considering the information provided in the statutory application-Form I, pre-feasibility report and clarification/additional information provided during the meeting.

The Committee after discussion had decided to appraise the proposal as B1 and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional ToR.

1. Distance between the nearest village (Tannir Bhavi) and impact on the village if there are residents
2. Justification with regard to filling up the earth whether is permitted activity or not as per the CRZ Notification as land reclamation and bunding is not a permissible activity as per CRZ Notification 2011
3. Justification with regard to LSHS tank for future use
4. Explain the worst case scenario in case and the preventive measures taken
5. Provisions for drive way width as per norms
6. Details of pipeline to be layed from the hourbour, its impact on the environment and permissibility under the CRZ provisions.

The Proponent and Accredited EIA co ordinator attended the 164th meeting of SEAC held on 11th and 12th May 2016 to provide clarification/additional information.

The proponent requested to defer the subject and consider the same in the next meeting.

The committee after discussion decided to defer the subject till next meeting and instructed to consider the proposal in the next meeting.

The Proponent and Accredited EIA coordinator attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, EIA report and clarification/additional information provided during the meeting. The EIA report prepared by M/s Hubert Enviro Care system, which is not accredited in sector 6(f) is validated by accredited consultant ECO CHEM SALES & SERVICES. But in the presentation, M/s Hubert Enviro Care system was again mentioned as EIA consultant which has to be rectified. During the discussion, the proponent informed that

they are providing independent dedicated tanks for individual storage. The pipe line from NMPT to the proposed terminal is passing through KIADB and NMPT lands as reported by the proponent. The committee observed that, there is no emergency exit for the movement of trucks during emergency. 10 KLD capacity STP provided is insufficient and flow diagram is wrong and need revision. Usually, in the coastal areas, in surface water traces of water, iron & manganese were to be found, but in the water analysis report, it is reported as nil. In the water analysis report submitted along with EIA report, presence of Bacterial pollution (coliform bacteria) and total suspended solids were shown which should be relooked into.

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

1. Preventive measures to be taken during the loading of trucks.
2. Considering direction of wind flow and entry & exit of trucks, fire monitors are to be provided.
3. Greenery to be provided as per OSD guide lines and list of species to be planted to be given.
4. Revised water analysis report considering above mentioned points.
5. Maximum consequential analysis (MCA) is not correct and to be redone.
6. Total pipe length, monitoring units, control points, route map, monitoring stations and patrolling details are to be given.
7. Revised flora and fauna list to be given.
8. The method of storage shall be modified (to mounded) on ascertaining the vulnerability distances after redoing the consequence analysis for the Maximum Credible Accident Scenario.

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

Reconsideration Subject:

165.2 Residential Apartment Project at Sy.Nos.69/1, 125/1 & 70/1 of Pattandur Agrahara Village, K.R.Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District of M/s. Sai Raghavendra Constructions and Developers. (SEIAA 2 CON 2016)

Name of Applicant: - M/s. Sai Raghavendra Constructions and Developers.

M/s. Sai Raghavendra Constructions and Developers., has applied for Environmental clearance from SEIAA for their Residential Apartment Project at Sy.Nos.69/1, 125/1 & 70/1 of Pattandur Agrahara Village, K.R.Puram Hobli, Bengaluru East Taluk, Bengaluru Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost = Rs. 60 Cr.

1. **Land details:** - Total Plot area is 16,166.29 Sqm
2. The proposed residential apartment comprising 2 blocks: Block A having Lower Basement + Upper Basement + Ground Floor+ 4 Upper Floors + Terrace Floor with 160 units & Block B having B+G+4 UF+ Terrace Floor with 119

units in a built up area of 40,664.14 Sqm. Ht of the building is 14.99 m, Right of way is 13.18 m.

3. Land use details:

| | |
|---------------------------|------------------------|
| Total plot area | -16,166.29 Sqm |
| Land scape | -6,065.98 Sqm (37.52%) |
| Roads and open space area | -4,145.85 Sqm (25.65%) |
| Ground coverage | -5,954.46 Sqm (36.83%) |

Permissible FAR is 2.25 and proposed is 1.905.

4. **Water Requirement:** Total water requirement is 194.63 KLD.(83 KLD fresh water + 111 KLD Recycled water) The source of water is from BWSSB. NOC from BWSSB not submitted
5. **Wastewater Management:** - The total quantity of waste water generated is 165.43 KLD (considering 85% waste generation) and treated is proposed in 2 STP of design capacity of 100 + 70 KLD with SBR technology.
6. **Excavated Earth Management:** - The total Earth work generated = 32,809 Cum. which will be used for back filling between the retaining wall, underground sumps/tanks, foundations and landscaping.
7. **Solid Waste Management:** Total waste generated in the project is 558 Kgs/day; where 334.8 kgs/day is the organic waste and 223.2 kgs/day is inorganic waste, will be disposed to Vendors/ Recyclers.
8. **Energy Requirement:** Total power requirement of 1255 KVA is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 2X500, 1x300 KVA, 2x450 KVA and 1x250 KVA.
9. **Traffic Details:** not submitted. Parking provided is 307.
10. **Environment sensitivity:** EMP submitted.
11. **Other details:** 14 Nos of recharge pits have been provided
12. **Environmental sensitive area:** Nallurhalli lake is 0.3 kms (South direction).

The Proponent and Environment Consultant attended the 160th meeting of SEAC held on 1st, 2nd and 3rd March 2016 to provide clarification/additional information.

The committee observed that the proponent has not submitted the kharab land details and lake details showing the exact boundary of the lake, extent from the competent authority.

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

1. Details of kharab land
2. Lake details showing the exact boundary certified by competent authority and buffer left from the boundary as per norms.
3. Study of surface hydrology report taking in to consideration of micro water shed area of the region
4. Solar power generation/energy harvesting and its utilisation.
5. Earthen and debris generated and its scientific disposal in the premises.

6. Use of treated sewage scheme adopted to use the entire treated sewage in the premises
7. Greenery development along with species may be provided
8. Clarification regarding the project area is not falling under eco sensitive area from sensitive zone clearance committee of BDA

The proponent has submitted the reply vide letter dated 28.03.2016.

The committee perused the replies submitted by the proponent during the 161st meeting of SEAC held on 28th and 29th March 2016. The committee observed that, the information sought in the earlier meeting regarding details of lake is not submitted.

The committee after discussion had decided to reconsider the proposal after submission of the details of lake boundary from the competent authority and after ascertaining the same, the necessary buffer of 30 m is to be fixed and accordingly conceptual plan to be prepared.

The proponent submitted the reply vide letter dated 25.05.2016.

The committee perused the replies submitted by the proponent. As per the latest NGT order, 75 m buffer has to be left from the edge of the HFL of the lake. Here, 30 m buffer has been left. Therefore, the proponent has been asked to leave a buffer of 75 m and accordingly the conceptual plan has to be revised and submitted for appraisal.

The committee after discussion decided to reconsider the proposal after the submission of the revised conceptual plan as per the latest NGT order.

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

Fresh Subjects:

165.3 Proposed residential apartment project “ Prabhavathi Daffodils” at Sy. No. 173, Gattihalli Village, Sarjapura Hobli, Anekal taluk, Bangalore District of M/s. Prabhavathi Builders & Developers Pvt. Ltd., No.13, 2nd Cross, N.S.Palya, Industrial Area, 65, BTM 2nd Stage, Next to Shoppers Stop, Bangalore - 560 076. (SEIAA 46 CON 2016)

Name of Applicant: - M/s. Prabhavathi Builders & Developers Pvt. Ltd.

M/s. Prabhavathi Builders & Developers Pvt. Ltd., have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at **Sy. No. 173, Gattihalli Village, Sarjapura Hobli, Anekal taluk, Bangalore District** under 8(a) of schedule EIA Notification – 2006 under category B.

1. **Land details:** - Total Plot area is 12,241.63 Sq.mts
2. **Project configuration:** The proposed project consisting of B+G+4UF+TF with 490 flats and other civic amenities with a total built up area is 39,976.27 Sqm.
3. **Land use details:**

| | |
|-----------------|--------------------|
| Total plot area | - 12,241.63 Sq.mts |
| Built up area | - 39,976.27 Sqm. |

- | | |
|------------------------|--|
| Green belt area | - on natural earth is 1,422.02 Sqm (11.6%) |
| | - On podium is 2,124.24 Sqm (17.4%) |
| Paved area (drive way) | - 2527.16 Sqm (20.6%) |
| Other services | - 210.0 Sqm (1.72%) |
| Ground coverage | - 5958.22 Sqm (48.7%) |
4. **Water Requirement:** Total water requirement is 198.45 KLD.(132.3 fresh water + 66.15 KLD Recycled water) The source of water is Shantipura Gram panchayath. NOC from Gram Panchayath submitted.
 5. **Wastewater Management:** - The total quantity of waste water generated is 125.7 KLD (considering 95% sewage) and treated in STP design capacity of 270 KLD with SBR technology.
 6. **Excavated Earth Management:** - The total Earth work generate is 10,000 Cum which will be used for back filling.
 7. **Solid Waste Management:** The solid waste generated will be segregated into bio degradable, non biodegradable and inert waste. The biodegradable waste will be composted in organic waste convertor at the proposed project site. Non bio degradable waste will be sent to Municipal Corporation solid waste landfill. Bottles, tins and other scrap will be sold to other recyclers.
 8. **Energy Requirement:** Total power requirement of 2548 KVA is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 2x250 KVA.
 9. **Traffic Details:** Traffic Details not submitted. Parking provided is 301 PCU
 10. **Environment sensitivity:** EMP submitted.
 11. **Other details:** rain water harvesting proposed.

The proponent was invited to provide required clarification. The proponent remained absent.

The Committee decided to defer the proponent providing one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

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

165.4 Development of Residential Apartment “Oceanus Carmel Heights” at Sy. No. 16(P), Whitefield Village, K. R. Puram Hobli, Bengaluru East Taluk, Bengaluru of M/s. Oceanus Dwellings (P) Ltd, No. 297, 1st Cross, 7th Main, BTM Layout 2nd Stage, Bengaluru – 560 076.(SEIAA 47 CON 2016)

Name of Applicant: - M/s. Oceanus Dwellings (P) Ltd,

M/s. Oceanus Dwellings (P) Ltd, have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy. No. 16(P), Whitefield Village, K. R. Puram Hobli, Bengaluru East Taluk, Bengaluru under 8(a) of schedule EIA Notification – 2006 under category B.

1. **Land details:** - Total Plot area is 16187.29 Sq.mts. Area left for road widening is 147.72 Sqm. Net site area available is 16,039.57.

2. **Project configuration:** 400 Nos of residential units which is sprawled across 2B+G+18UF in three towers with maximum height of 59.0 m and a club house sprawled across 2B+G+2UF with a total built up area of 87,527.303 Sqm.
3. **Land use details:**

| | | |
|------------------------|---|------------------------|
| Total plot area | - | 16187.29 Sqm |
| Built up area | - | 87,527.303 Sqm. |
| Green belt area | - | 5426.27 Sqm (33.83%) |
| Paved area (drive way) | - | 6,279.225 Sqm (39.14%) |
| Other services | - | 148.75 Sqm (0.94%) |
| Ground coverage | - | 4185.325 Sqm (26.09%) |
4. **Water Requirement:** Total water requirement is 291 KLD.(196 fresh water + 95 KLD Recycled water) The source of water is BWSSB.
5. **Wastewater Management:** - The total quantity of waste water generated is 229 KLD (considering 95% sewage) and treated in STP design capacity of 230KLD with SBR technology.
6. **Excavated Earth Management:** - The total Earth work generate is 88,165 Cum; 21,649 Cum will be used for back filling in foundation; 16,237 Cum will be used for landscaping; 32,474 cum will be used for roads formation and 17,805 cum will be used to preparing of soil blocks for compound wall, STP room, DG Room etc.
7. **Solid Waste Management:** Organic waste generated in the project will be segregated and will be processed in organic waste converter and the recyclable wastes, hazardous waste & E-waste will be handed over to authorized waste recyclers.
8. **Energy Requirement:** Total power requirement of 3565 KW is sourced from BESCO; Backup power proposed is DG sets with a capacity of 8x500 KVA. energy savings from the project is around 22.56%.
9. **Traffic Details:** Traffic Details submitted. Parking provided is 522 PCU. RoW is 24m
10. **Environment sensitivity:** EMP submitted.
11. **Other details:** 12 Nos of recharge pits with a capacity of 100 cum is proposed for roof rain water collection.
12. **Environmental Sensitivity:** Varthur Lake is 500 m and Sheelavanthakere lake is 500 m

The Proponent and Environment Consultant (Sri. M.D. Sanjay Kumar consultant has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

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

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of revised earth work management scheme.

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

165.5 Proposed residential building project at Sy. No. 47/1, 49/2 and 50, Ward No. 193, Arekere Village, Begur Hobli, Bangalore South Taluk of M/s. HV VENTURES PROJECTS PVT. LTD., No.26, Shankarmutt Road, Basavanagudi, Bengaluru - 560004. (SEIAA 48 CON 2016)

Name of Applicant: - M/s. HV VENTURES PROJECTS PVT. LTD.,

M/s. HV VENTURES PROJECTS PVT. LTD., have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy. No. 47/1, 49/2 and 50, Ward No. 193, Arekere Village, Begur Hobli, Bangalore South Taluk under 8(a) of schedule EIA Notification – 2006 under category B.

- 1. Land details:** - Total Plot area is 12191.17 Sq.mts.
- 2. Project configuration:** The project consisting of **178** Nos of residential units in B+G+17UFD and a club house with a total built up area of 36,616.67 Sqm. Ht of the building is 56.65 m.
- 3. Land use details:**

| | |
|------------------------|------------------------|
| Total plot area | - 12191.17 Sq.mts. |
| Built up area | - 36,616.67 Sqm. |
| Green belt area | - 5362.22 Sqm (43.98%) |
| Paved area (drive way) | - 3474.2 Sqm (28.51%) |
| Other services | - 252.38 Sqm (2.07%) |
| Ground coverage | - 3102.3 Sqm (25.44%) |
- 4. Water Requirement:** Total water requirement is 155 KLD.(103 fresh water + 51 KLD Recycled water) The source of water is BWSSB.
- 5. Wastewater Management:** STP design capacity of 140 KLD with SBR technology.
- 6. Excavated Earth Management:** - The total Earth work generate is 13000 Cum; 7400 Cum will be used for filling; 3500 Cum will be used for all round the setbacks levelling for backyards; 1800 cum will be used for landscape and 300 cum will be used to levelling of road and site formation.
- 7. Solid Waste Management:** Total solid waste generated in the project site is 567 Kg/day out of which 233 Kg/day (40%) is organic and 334 Kg/day (60%) is inorganic. Sludge generated is 10 Kg/day will be reused as manure.
- 8. Energy Requirement:** Total power requirement of 920 KW is sourced from BESCO; Backup power proposed is DG sets with a capacity of 3x320 KVA.
- 9. Traffic Details:** Traffic Details submitted. Parking required is 215 and provided is 245 PCU.
- 10. Environment sensitivity:** EMP submitted.
- 11. Other details:** Rain water harvesting is proposed
- 12. Environmental Sensitivity:** Arakere lake is adjacent to the project site. And 30 m buffer area is provided from the project site.

The proponent was invited to provide required clarification. The proponent remained absent.

The Committee observed that, as per the records submitted, Arakere lake is adjacent to the project site and 30 m buffer is provided from the boundary of the project site to lake. But as per the latest NGT order, minimum 75 m buffer has to left from the edge of the water

level to the project boundary site and accordingly, the proponent has been asked to revise the conceptual plan and submit.

The committee after discussion decided to recall the proponent after the submission of the revised conceptual plan considering latest NGT order.

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

165.6 "Life by SKAV" Residential Apartment Project at Sy.No.59 of Gadenahalli Village, Jala Hobli, Bangalore North Taluk, Bangalore Urban District of M/s. MSU Ventures, #10/A, 2nd Floor, Chandra Kiran Building, Kasturba Road, Bangalore - 560 001.(SEIAA 49 CON 2016)

Name of Applicant: - M/s. MSU Ventures,

M/s. MSU Ventures, have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy.No.59 of Gadenahalli Village, Jala Hobli, Bangalore North Taluk, Bangalore Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Project cost is 150 Crores.

1. **Land details:** - Total Plot area is 40468 Sq.mts.
2. **Project configuration:** proposed project is having 388 Units in two blocks. Block -1 consists of 8 towers (Tower A-H) and Block -2 consists of sports facility. Configuration of each tower is as follows:

| Block -1 | Building Configuration | Height of the building |
|---|-------------------------------|-------------------------------|
| Tower A, B, C, E, F, G, H | 2B+G+7 UF | 28.45 m |
| Tower D | 2B+G+6UF | 25.10 m |
| Tower E | 2B+G+8 UF | 31.8 m |
| Block -2 | | |
| Sports facilities from level-1 to level -4 and remaining from level-5 to level-8 are residential blocks | 2B+G_9UF | 37.9 |

Total Built Up area is 1,04.607.25 Sqm

3. Land use details:

Ground coverage is 25.64%

Landscape area is 29088 Sqm.

FAR permissible is 2 and achieved is 1.69.

4. **Water Requirement:** Total water requirement is 239 KLD. The source is from Borewell.
5. **Wastewater Management:** Sewage generated from the project site is 230 KLD will be treated in STP design capacity of 230 KLD with SBR technology.
6. **Excavated Earth Management:** - The total Earth work generate is 62250 Cum; 30,500 Cum will be used for back filling; 9500 Cum will be used for roads and walkways; 13250 cum will be used for site formation and 9000 Cum will be uses for landscaping

7. **Solid Waste Management:** Total solid waste generated in the project site is 0.409MT/day out of which 0.384 MT/day is organic and 0.25 MT/day is inorganic. Sludge generated is 12 Kg/day will be reused as manure.
8. **Energy Requirement:** Total power requirement of 2034.14 KVA. is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 5x500 and 1x 250 KVA.
9. **Traffic Details:** Traffic Details submitted. Parking provided is 909
10. **Environment sensitivity:** EMP submitted.
11. **Other details:** Roof top rain water harvesting is proposed and 178 Cum/Hr will be collected in terrace rain water collection sumps of capacity of 150 Cum for block 1 and 50 Cum for Block -2.

The Proponent and NABET accredited EIA coordinator attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee observed that, the source of water is ground water and for this, permission from Ground water authority is to be obtained and scientific assessment for availability of water for both quantity and quality is to be done. Also, the proponent has been advised to reduce the fresh water demand by utilizing more recycled water and accordingly the water balance chart has to be revised.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of following.

1. A copy of RTC and village map.
2. Scientific assessment of water quantity and quality and permission from Ground water authority for using ground water
3. Revised water balance chart, increasing the use of recycled water.

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

165.7 Modification of proposed residential apartment project at Sy. No. 31, 1st Cross, Nanjamma Road, Sai Baba Temple Road, Someshwarapura, Ulsoor Village, Bangalore Urban District of M/s. Suraj Dwellers Pvt. Ltd., (SEIAA 50 CON 2016)

Name of Applicant: - M/s. Suraj Dwellers Pvt. Ltd.,

M M/s. Suraj Dwellers Pvt. Ltd., have applied for Environmental clearance from SEIAA for their modification of proposed residential Apartment Project at Sy. No. 31, 1st Cross, Nanjamma Road, Sai Baba Temple Road, Someshwarapura, Ulsoor Village, Bangalore Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Project cost is 154 Crores.

This is a modification proposal for which the Environmental Clearance was obtained vide File No. SEIAA 17 CON 2014 dated 4th July 2015 for modification and expansion of commercial complex to residential apartment project of total built up area 40,000 Sqm with 63 flats and a club house in 3 blocks with building configuration of 3B+G+12UF+TF on a plot area of 6,830 Sqm.

Comparative statement of the earlier EC issued and now proposing is as follows:

| Particulars | EC Obtained | Modification proposal | Difference between old and new proposal |
|------------------------|--------------------|------------------------------|--|
| Plot Area | 6,830 Sqm | | No change |
| Built up area | 40,000 Sqm | 36,747.41 Sqm | -3,252.59 Sqm |
| Number of Units | 63 Flats | 161 flats | +98 flats |
| Project configuration | 3B+G+12UF+TF | 3B+G+13UF+TF | +1UF |
| Water requirement | 67 KLD | 90 KLD | =23 KLD |
| STP Capacity | 60 KLD | 125 KLD | =65 KLD |
| Power Requirement | 1901 KVA | 1703 KVA | -198 KVA |
| DG sets | 2x750 KVA | 3x500 KVA | Change in DG capacity |
| Solid waste generation | 175 Kg/day | 362 Kg/day | +187 Kg/day |
| Car parking | 259 Nos | 324 Nos | +65 NOs |
| Investment | Rs. 95 Crores | Rs. 154 Crores | +Rs. 59 crores |
| Landscape area | 1,476 Sqm (21.61%) | 1,571 Sqm (23%) | +95 Sqm |

The Proponent and NABET accredited EIA coordinator attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The proponent informed the committee that, from the nearest corner of the site, the distance from raja kaluve is 48.50 m and from this point a setback of 15 m has been given and over all distance from the raja kaluve to the building line is about 63 m which compiles to latest NGT order. The committee observed that, there is a discrepancy in earth work quantity and quantity of water required between the form – 1 and presentation and this needs to be clarified.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of following.

1. A copy of RTC and village map.
2. Baseline data of the area on environmental parameters

3. Revised earthwork and water requirement calculations
4. Surface hydrology
5. Certified compliance to earlier Environmental clearance conditions.

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

165.8 Proposed Residential Apartment at Sy No. 24/2,61/1& 61/2, Khatha No. 38, Kammanahalli Begur Hobli, Bangalore of Mrs. –Varsha Raj Urs Director M/s ANGELS DES INC No. 16 Lime Light House, 5th “B” Main,Oballappa Garden, K.R. Road, Bangalore- 560082 (SEIAA 51 CON 2016)

Name of Applicant: - M/s ANGELS DES INC

M/s ANGELS DES INC have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy No. 24/2,61/1& 61/2, Khatha No. 38, Kammanahalli Begur Hobli, Bangalore under 8(a) of schedule EIA Notification – 2006 under category B. The project cost is 43 Crores.

1. **Land details:** - Total Plot area is 14216 Sq.mts.
2. **Project configuration:** The project consisting of 288 Nos of residential units in 3 blocks having B+G+12 UF with a total built up area of 40375.88 Sqm. Ht of the building is 37.7 m.
3. **Land use details:**

| | |
|-----------------|------------------------|
| Total plot area | - 14216Sq.mts. |
| Built up area | - 40375.88 Sqm. |
| Green belt area | - 5222.95 Sqm (36.74%) |
| Other services | - 252.38 Sqm (2.07%) |
| Ground coverage | - 4357.58 Sqm (30.65%) |
4. **Water Requirement:** Total water requirement is 194 KLD.(134.2 fresh water + 64.8 KLD Recycled water) The source of water is BWSSB. NOC from BWSSB is submitted.
5. **Wastewater Management:** Waste water generated from the project is 155.2 KLD and this will be treated in STP design capacity of 160 KLD with SBR technology.
6. **Excavated Earth Management:** - The total Earth work generate is 11565 Cum; 2100 Cum will be used for back filling; 2203 Cum will be used for roads/ramps formation; 6218 cum will be used for landscape; 184 cum will be used to levelling of road and site formation and 860 Cum will be used for mounds in garden areas.
7. **Solid Waste Management:** Total solid waste generated in the project site is 648 Kg/day out of which 388.8 Kg/day is organic and 259.2 Kg/day is inorganic. Sludge generated is 25.92 Kg/day will be reused as manure. E-wastes is 36 Kg/day.
8. **Energy Requirement:** Total power requirement of 1321 KVA is sourced from BESCO; Backup power proposed is DG sets with a capacity of 3x150 KVA.
9. **Traffic Details:** Traffic Details not submitted. Parking provided is 336 PCU.
10. **Environment sensitivity:** EMP submitted.
11. **Other details:** 11 Nos of percolation pits provided for rain water harvesting.

The Proponent and Environment Consultant (M/s. Mahesh & Dev, consultant has got stay order from the high court for the MoEF Notification regarding presentation of the

proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

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

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of revised earth work management scheme.

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

165.9 Development of Residential Apartment and a clubhouse project at Khatha No. 217, Sy No. 84/7 & 100/5 of Thanisandra Village, K.R. Puram Hobli, Bengaluru East Taluk, Bengaluru of M/s. G.R.C. Infra Pvt. Ltd, No. 161/A, 7 th Cross, Teachers colony, 1 st stage, Kumaraswamy Layout, Bengaluru – 560 078 (SEIAA 52 CON 2016)

Name of Applicant: - M/s. G.R.C. Infra Pvt. Ltd,

M/s. G.R.C. Infra Pvt. Ltd, have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Khatha No. 217, Sy No. 84/7 & 100/5 of Thanisandra Village, K.R. Puram Hobli, Bengaluru East Taluk, Bengaluru under 8(a) of schedule EIA Notification – 2006 under category B.

Land details: - Total Plot area is 13,961.46 Sq.mts.

1. Project configuration: The total built up area of the project is 53,953.67 Sqm comprising of 346 Nos of units in 5 blocks and a club house. Block A,B,C and E are sprawled across B+G+14 UF, Block C sprawled across B+G+4 UFD and club house is sprawled across B+G+2UF with a maximum height of 43.5m.

2. Land use details:

| | |
|------------------------|-------------------------|
| Total plot area | - 13,961.46 Sq.mts. |
| Built up area | - 53,953.67 Sqm. |
| Green belt area | - 5497.25 Sqm (39.37%) |
| Dry way and hard scape | - 4988.0 Sqm (35.73%) |
| Ground coverage | - 3,476.21 Sqm (24.90%) |

Permissible FAR is 3.0 and achieved is 2.861.

3. Water Requirement: Total water requirement is 240 KLD.(159 fresh water + 81 KLD Recycled water) The source of water is BWSSB. NOC from BWSSB not submitted.

4. Wastewater Management: Waste water generated from the project is 228 KLD (considering 95%)and this will be treated in STP design capacity of 230 KLD with SBR technology.

5. Excavated Earth Management: - The total Earth work generate is 10429 Cum; 2086 Cum will be used for back filling; 2494 Cum will be used for roads and walk ways ramps formation; 2900 cum will be used for landscape; 2543 cum will be used to levelling of road and site formation and 406 Cum will be used for landscaping on podium.

6. **Solid Waste Management:** Total solid waste generated in the project site is 891 Kg/day out of which 535 Kg/day is organic and 356 Kg/day is inorganic.
7. **Energy Requirement:** Total power requirement of 1599 KW is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 2x250 KVA. Energy savings from the project is 27%
8. **Traffic Details:** Traffic Details submitted. Parking provided is 404 PCU.
9. **Environment sensitivity:** EMP submitted.
10. **Other details:** 14 Nos of recharge pits provided to recharge the ground water within the site.

The Proponent and Environment Consultant (Sri. B.N Manjunath, consultant has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

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

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of copy of RTC and village map.

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

165.10 Proposed Residential Apartment Project at Survey No. 83, Puttenahalli Village, Yelahanka Hobli, Bangalore North Taluk, Bangalore of M/s. NCC Urban Infrastructure Ltd., NCC Urban Windsor, 3rd Floor, Opp. Jakkur Aerodrome, New Airport Road, Bangalore - 560 064. (SEIAA 53 CON 2016)

Name of Applicant: - M/s. NCC Urban Infrastructure Ltd.,

M/s. NCC Urban Infrastructure Ltd., have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Survey No. 83, Puttenahalli Village, Yelahanka Hobli, Bangalore North Taluk, Bangalore under 8(a) of schedule EIA Notification – 2006 under category B. Project cost is 111 Crores.

Land details: - Total Plot area is 15066.55 Sq.mts.

1. Project configuration: The total built up area of the project is 62,566 Sqm comprising of 359 Nos of units consists of 5 wings (A-E) and club house.

- Wing A consists of B+G+17 UF
- Wing B, C , D and E consists of B+G+18UF
- club house with G+2UF .

2. Land use details:

| | |
|------------------|-------------------------|
| Total plot area | - 15066.55 Sq.mts. |
| Built up area | - 62,566 Sqm. |
| Green belt area: | |
| On natural earth | - 5,062.36 Sqm (33.60%) |
| On podium | - 380.00 Sqm |
| Paved area | - 6004.61 Sqm (39.85%) |
| Ground coverage | - 3999.58 Sqm (26.54%) |

3. **Water Requirement:** Total water requirement is 268 KLD.(187 fresh water + 81 KLD Recycled water) The source of water is BWSSB. NOC from BWSSB not submitted.
4. **Wastewater Management:** Waste water generated from the project is 242 KLD (considering 90%)and this will be treated in STP design capacity of 245 KLD with SBR technology.
5. **Excavated Earth Management:** - The total Earth work generate is 24000 Cum; 6000 Cum will be used for back filling; 3100 Cum will be used for roads and walk ways ramps formation; 2600 cum will be used for landscape; remaining 12,300 Cum will be used for levelling and formation activities in land at Sy No. 18/1 and 19 Vadarapura village Yelahanka which is about 4 km from the project site.
6. **Energy Requirement:** Total power requirement of 1750 KVA is sourced from BESCO; Backup power proposed is DG sets with a capacity of 2x250 KVA.
7. **Traffic Details:** Traffic Details submitted. Parking provided is 461 PCU. ROW is 32 m.
8. **Environment sensitivity:** EMP submitted.
9. **Environmental Sensitivities:** Puttenahalli Lake is at about 0.60 Km (South Direction), Yelahanka lake is 1.3 Km and Attur lake is 1.5 KM from the project site.

The proponent has submitted a letter dated 19.05.2016 requesting to postpone their project and consider it in the next ensuing SEAC meeting.

The committee accepted the letter and decided to provide one more opportunity to the proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

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

165.11 Proposed Residential Apartment project with 200 flats at Survey No-25/4, Khata No. 42/25/4, Beretena Agrhara, Bangalore South Taluk, Bangalore of M/s Siddartha Builders, No.990, Gomatha Building, Ground Floor, 20th Cross, 5th main, HSR 7th Sector, Bangalore.(SEIAA 54 CON 2016)

Name of Applicant: - M/s Siddartha Builders,

M/s Siddartha Builders, have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Survey No-25/4, Khata No. 42/25/4, Beretena Agrhara, Bangalore South Taluk, Bangalore under 8(a) of schedule EIA Notification – 2006 under category B. Total project cost is Rs. 61 Crores.

1. **Land details:** - Total Plot area is 10274.74 Sq.mts.
2. **Project configuration:** The total built up area of the project is 24,407.70 Sqm comprising of 200 Nos of units with GF+4UF
3. **Land use details:**

| | |
|-----------------|--------------------|
| Total plot area | - 10274.74 Sq.mts. |
| Built up area | - 24,407.70 Sqm. |
| Green belt area | - 3390.66 Sqm |
| Paved area | - 2810.73 Sqm |
| Ground coverage | - 4073.35 Sqm |

4. **Water Requirement:** Total water requirement is 142 KLD. The source of water is BWSSB. NOC from BWSSB submitted.
5. **Wastewater Management:** Waste water generated from the project is 128 KLD (considering 90%) and this will be treated in STP design capacity of 140 KLD with SBR technology.
6. **Excavated Earth Management:** - The total Earth work generated is 6000 Cum; 2500 Cum will be used for back filling; 2500 Cum will be used for formation and landscaping activities within the project site. 1000 cum will be used for landscape;
7. **Solid Waste Management:** Total solid waste generated in the project site is 400 Kg/day out of which 240 Kg/day is organic and 160 Kg/day is inorganic.
8. **Energy Requirement:** Total power requirement 800 KVA is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 1x200 KVA.
9. **Traffic Details:** Traffic Details not submitted. Parking provided is 220 PCU.
10. **Environment sensitivity:** EMP submitted. Chikkatogur lake is 1 km from the project site (south west direction).

The proponent has submitted a letter dated 19.05.2016 requesting to postpone their project and consider it in the next ensuing SEAC meeting.

The committee accepted the letter and decided to provide one more opportunity to the proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

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

165.12 Proposed Residential Apartment project at Sy. No. 26/1 A, 26/1B, 27/1, 27/2, 27/3, Avalahalli Village, Yelahanka Hobli, Bangalore North, Bangalore of Sri. Madhav R. Badsheshi, # 333, Thimmaiah Road, Bangalore – 560 032 (SEIAA 55 CON 2016)

Name of Applicant: - Sri. Madhav R. Badsheshi,

Sri. Madhav R. Badsheshi, have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy. No. 26/1 A, 26/1B, 27/1, 27/2, 27/3, Avalahalli Village, Yelahanka Hobli, Bangalore North, Bangalore under 8(a) of schedule EIA Notification – 2006 under category B. Project cost is 85 Crores.

Land details: - Total Plot area is 13253.46 Sq.mts. Area relinquished for road widening is 1533.17 Sqm and net site area is 11720.29 Sqm

1. Project configuration: The project comprising of 2B+G+14UF+Club house at first floor level +TF with 414 units with a BUA is 63,746.13 Sqm. Ht of the building is 60 m.

2. Land use details:

| | |
|---------------------|------------------------|
| Total plot area | - 13253.46 Sq.mts. |
| Net site area | - 11720.29 Sqm |
| Built up area | - 63,746.13 Sqm. |
| Green belt area | - 4007 Sqm (34.19%) |
| Roads and open area | - 2983.98 Sqm (25.46%) |
| Ground coverage | - 4728.96 Sqm (40.34%) |

Permissible FAR is 3.25 and achieved is 3.245.

3. **Water Requirement:** Total water requirement is 293 KLD The source of water is grampanchayath. NOC from Grampanchayath not submitted.
4. **Wastewater Management:** Waste water generated from the project is 249 KLD (considering 85%) and this will be treated in STP design capacity of 270 KLD with SBR technology.
5. **Excavated Earth Management:** - The total Earth work generate is 28373.76 Cum; 14186.88 Cum will be used for back filling; 2983.98 Cum will be used for roads formation; 4007.35 cum will be used for landscape and 7195.55 Cum is for filling for footings.
6. **Solid Waste Management:** Total solid waste generated in the project site is 828 Kg/day out of which 496.80 Kg/day is organic and 331.20 Kg/day is inorganic.
7. **Energy Requirement:** Total power requirement of 1863 KVA is sourced from BESCO; Backup power proposed is DG sets with a capacity of 2x1000 KVA.
8. **Traffic Details:** Traffic Details not submitted. Parking provided is 481 PCU. ROW is 9 m.
9. **Environment sensitivity:** EMP submitted. Gantiganahalli lake is 0.54 km (East direction), Avalahalli pond is 0.05 km (West direction) and Jalakabande Reserved forest is 2.3 km (SW Direction)
10. **Other details:** 10 Nos of rain water harvesting pits provided.

The proponent was invited to provide required clarification. The proponent remained absent.

The Committee observed that, as per the records submitted, Avalahalli pond is about 50 m from the boundary of the project site and as per the latest NGT order, minimum 75 m buffer has to left from the edge of the water level to the project boundary site and accordingly the conceptual plan has to be revised.

The committee after discussion decided to recall the proponent after the submission of the revised conceptual plan considering latest NGT order.

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

165.13 Proposed Residential Apartment project at Sy. No. 56/1, 56/2 and 52/2B, Bhattarahalli Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore of Shri. K. Peddi Reddy, Smt. K.V. Padmavathi and Sri. K.N. Subbaraya Shetty (SEIAA 56 CON 2016)

Shri. K. Peddi Reddy, Smt. K.V. Padmavathi and Sri. K.N. Subbaraya Shetty., have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy. No. 56/1, 56/2 and 52/2B, Bhattarahalli Village, Bidarahalli Hobli, Bangalore East Taluk, Bangalore, under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 95 Crores.

1. **Land details:** - Total Plot area is 18,514.37 Sq.mts
Road widening is 61.93 Sq.m.
Net site area is 18,128.16 Sq.m
Achieved FAR is 4.86 after loading TDR of 1.61

2. The proposed project consisting of LB + UB + GF + 32 UF + Club House with 632 no of units with Total Built up area is 1,19,004.13 Sqm. Ht. of Building is 101.4 M. The ROW is 49.35 M.
3. **Land use details:**
 Landscape area (proposed): 7,273.59 Sq.mts (40.12%).
 Ground Coverage area is 6,526.42 sqm(36%)
 Roads and walkways – 4,328.15Sqm (23.88%)
4. **Water Requirement:** Total water requirement is 440.82 KLD (298.62 KLD fresh water+142.20 KLD recycled water). The source of water is BWSSB. Copy of NOC not submitted.
5. **Wastewater Management:** - The total quantity of waste water generated is 374.70 KLD (considering 85%) and treated is proposed STP of design capacity of 425 KLD with SBR Technology.
6. **Excavated Earth Management:** - Total Excavated Earth is 39,158.52 m³
 Top Soil for Landscaping is 10,910.39 m³
 Filling for internal roads is 6,492.23 m³
 Back filling for footings is 15,663.41 m³
 Back filling for retaining wall is 6,092.50 m³
7. **Solid Waste Management:** Total waste generated in the project is 1264 Kg/day.
8. **Energy Requirement:** Total power requirement of 2844 Kw is sourced from BESCO; Backup power proposed is DG set of 3 X 1000 KVA.
9. **Traffic Details:** not Submitted. Parking proposed: 778 Nos.
10. **Environment sensitivity:** EMP Submitted. Bhattarahalli Lake – 0.47 Km (NE); K.R. Puram nala – 0.68 km (W); Seegehalli lake – 0.61 Km (SE) and Yellamma lake – 1.58 Km (E)

The Proponent and Environment Consultant (Sri. Dhanraj Bharathi Narasimha, consultant has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee asked the proponent to explore the possibility of providing fire escape chutes.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance with a condition of providing fire escape chutes for safety considerations.

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

165.14 Proposed Residential apartment at Sy No. 3/3, 7(P), 8/1(P), 9/2A, 9/2B1 & 26/1(P) at Mallasandra Village, Uttarahalli Hobli, Bangalore South of M/s. Provident Housing Limited, #130/1, Ulsoor Road Bangalore (SEIAA 57 CON 2016)

M/s. Provident Housing Limited., have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy No. 3/3, 7(P), 8/1(P), 9/2A, 9/2B1 & 26/1(P) at Mallasandra Village, Uttarahalli Hobli, Bangalore South, under 8(a) of schedule EIA Notification – 2006 under category B. **Land details:** - Total Plot area is 78,376.84 Sq.mts

1. The proposed project consisting of BF + GF + 13/14UF with 2049 no of units with Total Built up area is 2,35,239.80 Sqm. Ht. of Building is 44.65 M.
2. **Landscape area** (proposed): 29608 Sq.mts.
3. **Water Requirement:** Total water requirement is 1424 KLD. The source of water is BWSSB. Copy of NOC is submitted.
4. **Wastewater Management:** - The total quantity of waste water generated is 1282 KLD and treated is proposed STP of design capacity of 1300 KLD with SBR Technology.
5. **Solid Waste Management:** Total waste generated in the project is 4508 Kg/day; where 2705 kg/day is the biodegradable waste and 1803 kg/day is non biodegradable waste.
6. **Energy Requirement:** Total power requirement of 12 Mw is sourced from BESCOM; Backup power proposed is DG set of 5 X 1700 KVA.
7. **Traffic Details:** Not Submitted. Parking proposed: 2302 Nos.
8. **Environment sensitivity:** EMP Submitted. Jogi kere - 200 m (W)
9. **Other details:** Rain water Harvesting will be implementing.

The Proponent and Environment Consultant (Smt. Pooja Raslana, consultant has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to present the ToR's.

The committee screened the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, and clarification/additional information provided during the meeting. The committee observed that already EC has been issued by MoEF vide letter No. 21-11/2007-IA.III dated 11.09.2007 and the proponent has informed the committee that, he is giving a letter for withdrawing the earlier issued EC.

The Committee after discussion had decided to appraise the proposal as B1 as the built up area is more than 1,50,000 Sqm and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional ToR.

1. Nature of karab land details with respect to NGT order.
2. Village map and RTC copy
3. Explore the possibility to increase greenery to 33%
4. Fire driveway with smooth flow to be provided.
5. Scheme for providing dual fuel generators for backup power with provision for CNG.
6. Explore the possibility of providing primary fire station.
7. Status of the earlier EC issued by MoEF to be given.

8. Explore the possibility of using the complete recycled water in order to reduce the fresh water demand
9. Revised water balance chart by considering 55 LPCD as per the rural water supply norms, since there is no supply of BWSSB water to this area.
10. Hydrological study of the area influencing the surface water flow.
11. Quantification of the terrace area available for harnessing solar energy and an appropriate plan thereof with due calculations.
12. Scheme for utilisation of entire Rain Water harvested in the project site (both from the roof top and from the surface runoff) within the Project premises only.
13. Details of excavated earth and plan of safe and scientific disposal of excess excavated earth with details of the disposal site
14. Scheme of treating sewage and sullage separately and scheme for the use of treated sewage water within the project site
15. Explore the possibility of using food waste for generation of biogas and energy.
16. Availability of ground water for its quantity and quality and its effect on competitive users
17. Approval of ground water authority for drawing ground water

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

165.15 Proposed Mixed Use Development project at Sy No's 1/1, 3/1, 3/2, 3/3, 3/4, 3/5, 3/6, 4/1, 4/2, 5/1, 7/1, 8/1, 8/2, 8/3, 9/1A, 9/1B, 9/2, 9/3, 9/4, 10/1, 10/2A, 10/2B, 10/3, 10/4, 10/5, 10/6, 11, 12, 13, 14/1, 14/2, 15/1, to 15/15, 16/1, 16/2, 17/1, 17/2, 19, 20/1, 20/2, 20/3, 21/1A, 21/1B, 21/2, to 21/9, 22/1 to 22/6, 22/7A, 22/7B, 22/8, 23/1, 23/2, 25/1, 25/2A, 25/2B, 25/3, 25/4, 25/5, 25/6, 26/1, 26/2, 26/3, 26/4A, 26/4B, 26/5 to 26/10, 27, 28, 29, 30, 31/1, 31/2, 31/3, 32, 33/1, 37, 38/1, 38/2, 39, 40/1, 40/2, 41/1 to 41/6, 42/1, 42/2, 42/3, 43/1, 43/2, 44/1, 44/2, 45, 46, 47, 48, 49/1, 49/2, 50, 51/1, 51/2, 52/1, 52/2, 52/3, 53, 53/p1 to 53/p48, 54, 54/p1 to 54/p65, 55/1, 55/2, 55/3, 56/1, 56/2, 56/3, 57, 58/1, 58/2, 59, 60, 61, 63/1, 63/2, 63/3, 63/4, 64, 65, 66/1 to 66/6, 67, 68/1, 68/2, 68/3, 69, 70/1, 70/2, 71, 72/1, 72/2, 72/3, 73, 74, 75, 76/1, 76/2, 77/1, 77/2, 78, 79, 80, 81/1 to 81/5, 82, 83, 84, 85/1, 85/2, 86, 87, 88, 89/1, 89/2, 90, 91, 92/1, 92/2, 94, 95, 96, 97, 98, 99/1, 99/2, 100, 101, 102/1, 102/2, 103, Bommandahalli, Bagganadoddi, Indlavadi, Kadujakkanahalli and Konanasandra of HOUSING BOARD (SEIAA 66 CON 2016)

Name of Applicant: - Karnataka Housing Board,

Karnataka Housing Board, have applied for Environmental clearance from SEIAA for their 165.15 Proposed Mixed Use Development project at Sy No's 1/1, 3/1, 3/2, 3/3, 3/4, 3/5, 3/6, 4/1, 4/2, 5/1, 7/1, 8/1, 8/2, 8/3, 9/1A, 9/1B, 9/2, 9/3, 9/4, 10/1, 10/2A, 10/2B, 10/3, 10/4, 10/5, 10/6, 11, 12, 13, 14/1, 14/2, 15/1, to 15/15, 16/1, 16/2, 17/1, 17/2, 19, 20/1, 20/2, 20/3, 21/1A, 21/1B, 21/2, to 21/9, 22/1 to 22/6, 22/7A, 22/7B, 22/8, 23/1, 23/2, 25/1, 25/2A, 25/2B, 25/3, 25/4, 25/5, 25/6, 26/1, 26/2, 26/3, 26/4A, 26/4B, 26/5 to 26/10, 27, 28, 29, 30, 31/1, 31/2, 31/3, 32, 33/1, 37, 38/1, 38/2, 39, 40/1, 40/2, 41/1 to 41/6, 42/1, 42/2, 42/3, 43/1, 43/2, 44/1, 44/2, 45, 46, 47, 48, 49/1, 49/2, 50, 51/1, 51/2, 52/1, 52/2, 52/3, 53, 53/p1 to 53/p48, 54, 54/p1 to 54/p65, 55/1, 55/2, 55/3, 56/1, 56/2, 56/3, 57, 58/1, 58/2, 59, 60, 61, 63/1, 63/2, 63/3, 63/4, 64, 65, 66/1 to 66/6, 67, 68/1, 68/2, 68/3, 69, 70/1, 70/2, 71, 72/1, 72/2, 72/3, 73, 74, 75, 76/1, 76/2, 77/1, 77/2, 78, 79, 80, 81/1 to 81/5, 82, 83, 84, 85/1, 85/2, 86, 87, 88, 89/1, 89/2, 90, 91, 92/1, 92/2, 94, 95, 96, 97, 98, 99/1, 99/2, 100, 101, 102/1,

102/2, 103, Bommandahalli, Bagganadoddi, Indlavadi, Kadujakkanahalli and Konanasandra under 8(b) of schedule EIA Notification – 2006 under category B. Project cost is 3,355 Crores.

Land details: - Total Plot area is 74,94,606.452 Sq.mts (1851 Acres 38 Guntas excluding kharab land of 86 Acres 15 Guntas)

1. Project configuration: The project involve composite group housing scheme. Total built up area is 4,76,669 Sqm and building configuration of 2B+G+12UF.

2. Land use details:

| | |
|-----------------------|---------------------------|
| Total plot area | - 74,94,606.452 Sq.mts. |
| Built up area | - 4,76,669 Sqm. |
| Residential Area | - 37,47,303.227 Sqm (50%) |
| Commercial | - 2,24,838.194 Sqm (3%) |
| Parks and open spaces | - 10,49,244.903 Sqm (14%) |
| Civic amenities | - 3,74,730.323 Sqm (5%) |
| Roads | - 20,98,489.807 Sqm (28%) |

FAR achieved is 3.25.

3. Water Requirement: Total water requirement is 32 MLD. The source of water is Cauvery river.

4. Excavated Earth Management: - The Earth work generated will be used for back filling, road formation and greenery development within the project site.

5. Solid Waste Management: Total solid waste generated in the project site is 166.7 MT/day.

6. Energy Requirement: Total power requirement of 658 MW is sourced from KPTCL; back up power of 8x500 KVA, 4x750 KVA and 4x1010 KVA

7. Environment sensitivity: Hoskere – 1.67 Km (SW), Hennagara Lake – 2.21 Km (NE), Jigani Lake – 3.6 km (NE), Doddakere – 4.06 km (SE) and Mahadeshwara lake – 5.96 Km (SW), Bannerhatta national forest is 0.84 Km (SW).

The Proponent and NABET Accredited Consultant attended the meeting of SEAC to present the ToR's.

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

The Committee after discussion had decided to appraise the proposal as B1 as the built up area is more than 1,50,000 Sqm and decided to issue Standard ToR for conducting EIA study in accordance with EIA Notification 2006 and the relevant guidelines. The committee also decided to prescribe the following additional ToR.

1. Distance from BNP –as per the latest order with respect to safe zone distance.
2. Details of the type of land, since the project site is close to the wildlife habitat. The action taken to avoid entry of wildlife to the project area, and justification for taking the project close to the wildlife habitat.

3. Studies should be conducted by taking the help of experts having knowledge about human and wildlife conflict. And also studies regarding previous human & wildlife conflict if any.
4. Impact of this activity on water front and power front and also impact on competitive user.
5. Regarding water supply, whether dedicated water supply line will be laid or not, to be explained.
6. The latest NGT order to be strictly followed during the preparation of the layout plan by considering water bodies and nala.
7. Provision made for the facilities like burial ground, religious places and other civic amenities are to be provided within the project to be explained.
8. Impact on other nearby projects (example Suryanagar phase 1,2 & 3) due to this project project with respect to infrastructure and resources like water, energy, traffic etc., to be explained.
9. Scheme to protect water bodies to be explained.
10. Compliance with respect to recent Notification of MoEF and State Govt. regarding safe zone declaration.
11. Type of infrastructures like road net work etc., to be provided.
12. Proposal for captive solid waste management.
13. Explore the possibility of establishing power plant by using the solid waste generated in the area as fuel.
14. Hydrological study of the area influencing the surface water flow.
15. Comply with State Govt. orders regarding R & R.
16. List of granite quarries situated within the area and the impact of this development is to be provided.
17. Village map and RTC copy

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

165.16 “Valmark Orchard Square” proposed residential apartment project at Sy. No. 80/2, Kothanur Village, Uttaraha`lli Hobli, Bangalore South taluk, Bangalore of M/s Nakoda Constructions Ltd (SEIAA 70 CON 2016)

Name of Applicant: - M/s Nakoda Constructions Ltd,

M/s Nakoda Constructions Ltd, have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy. No. 80/2, Kothanur Village, Uttaraha`lli Hobli, Bangalore South taluk, Bangalore under 8(a) of schedule EIA Notification – 2006 under category B. Project cost is 70 Crores.

1. **Land details:** - Total Plot area is 13284.93 Sq.mts.
2. **Project configuration:** The project is having 2 blocks (A and B). Block A consists of 2 wings (Wing 1&2) and block B consist of 2 Wings (Wing 3&\$) with 272 flats and building configuration of B+G+16UF+TF with a total built up area of 37,568.03 Sqm.

3. Land use details:

| | |
|-----------------|------------------------|
| Total plot area | - 13284.93 Sq.mts. |
| Built up area | - 37,568.03 Sqm. |
| Green belt area | - 6277.34 Sqm (47.25%) |
| Ground coverage | - 15.79% |

Permissible FAR is 2.25 and achieved is 2.24.

- 4. Water Requirement:** Total water requirement is 202 KLD (135 KLD Fresh water + 67 KLD recycled water) The source of water is BWSSB. NOC from BWSSB not submitted.
- 5. Wastewater Management:** Waste water generated from the project is 182 KLD (considering 90%) and this will be treated in STP design capacity of 200 KLD with SBR technology.
- 6. Excavated Earth Management:** - The total Earth work generated in the project site will be reused for back filling/sub base work for roads & pavements within the project site.
- 7. Solid Waste Management:** Total solid waste generated in the project site is 612 Kg/day.
- 8. Energy Requirement:** Total power requirement of 1722 KVA is sourced from BESCOM; Backup power proposed is DG sets with a capacity of 3x500 KVA.
- 9. Traffic Details:** Traffic Details not submitted. Parking provided is 312 PCU.
- 10. Environment sensitivity:** EMP submitted. Kalen Agrahara Kere – 0.5 km (SE); RBI layout kere – 0.64 Km (SW); Krishna nagar kere – 0.67 Km(NW); Hulimavu lake – 1.66 Km (NE); Avalahalli Kere – 1.71 Km (NE); Arekere – 2.14 Km (SW) and Turahalli reserved forest is 6.1 Km (NW).
- 11. Other details:** rain water harvesting proposed.

The Proponent and NABET accredited EIA coordinator attended the meeting of SEAC to provide clarification/additional information.

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

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance.

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

27th May 2016**Members present in the meeting:**

| | | |
|-----------------------|---|--------------------|
| Shri. N. Naganna | - | Chairman |
| Prof. D.L. Manjunath | - | Member |
| Dr. S. Manjappa | - | Member |
| Dr. B. Manoj Kumar | - | Member |
| Dr. B.S. Jaiprakash | - | Member |
| Dr. M.I Hussain | - | Member |
| Shri. B. Chikkappaiah | - | Member |
| Dr. N. Krishnamurthy | - | Member |
| Dr. S. Prashanth | - | Member |
| Dr. K.C. Jayaramu | - | Member |
| Sri. Srinivasaiah | - | Member |
| Dr. K.B. Umesh | - | Member |
| Sri. Subramany.M | - | Member |
| Sri. Vijaya Kumar | - | Secretary, SEAC |

EIA Presentation:

165.17 Development of Commercial Building Project “Prestige Star Tech” at Municipal Khatha No. 140, Industrial Layout, Koramangala, Hosur Road, Bengaluru of M/s Prestige City Properties (SEIAA 203 CON 2015)

Name of Applicant: M/s. Prestige City Properties,

Mr.Zaid Sadiq Executive Director

Name of the Consultant: M/s. A & N Technologies, Bengaluru

Latitude: 12° 55'54.87" N

Longitude: 77° 36'53.19" E

M/s. Prestige City Properties, have applied for Environmental clearance from SEIAA for their proposed Development of Commercial Building Project “**Prestige Star Tech**” at Municipal Khatha No. 140, Industrial Layout, Koramangala, Hosur Road, Bengaluru under 8(a) of schedule EIA Notification – 2006 under category B1.

Land details:- Total Plot area is 34,296.83 Sq.mts (8 Acres 19 Guntas)

1. The proposed project consists of total builtup area of 1,72,972.67 Sq.mts, sprawled across 2B+G+9UF with a maximum height of 39.45m. The total cost of the project is 253.87 Crores.
2. **Landscape area** (proposed): 11,317.96 Sq.mts (33%)
3. **Water Requirement:** Total water requirement is 600 KLD. Water requirement for the project will be met from BWSSB. Copy of NOC is not submitted.

4. **Wastewater Management:** The total quantity of waste water generated is 480 KLD and treated is proposed STP of design capacity of 480 KLD treated with SBR Technology.
5. **Excavated Earth Management:** Not mentioned.
6. **Solid Waste Management:** Total waste generated in the project is 3.26 MT/day; where 0.65 MT/day is organic waste and 2.61 kg/day is inorganic waste. Organic waste is treated in organic waste convertor. Inorganic waste is handed over to authorized recyclers.
7. **Hazardous Waste Management:** 4.2 liter/ running hour of waste oil from DG sets, which will be given to KSPCB, designated waste oil recyclers handed over to KSPCB designated waste oil recyclers.
8. **Energy Requirement:** Total power requirement of 9,380 KVA is sourced from BESCOM. Backup power proposed is DG set of 5x1500 KVA and 1x1010 KVA Total energy savings is 17.2%.
9. **Traffic Details:** Parking proposed: 2,468 No's of Cars.
10. **Environment sensitivity:** **Madiwala Lake** – 1.9 Km in the South direction from the project site.
Turahalli State Forest- 10.5 Km in the South west direction from the project site.
11. **Other Details:** Rainwater harvesting facility has been implemented with a roof rain water collection sump of capacity 260 cu.m and also 15 no's recharge pits.

The Proponent and Environment Consultant attended the 156th meeting of SEAC held on 30th December 2015 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, EIA report and clarification/additional information provided during the meeting. The committee observed that, the proposed project is having a built up area of 1,72,972.67 sq.m, which is more than 1,50,000 Sq. m and this falls under category B1 as per EIA Notification 2006 and the general condition attracts.

The committee after discussion decided to appraise the proposal under B1 category project and decided to issue Standard ToR's along with the following additional ToR's.

Additional ToR's

1. Locate one air, water & noise station @ St. Jhon's hospital and collect data
2. Material management- regarding transportation of construction material
3. Excess earth management
4. Location of STP & DG set to be indicated

Accordingly the ToR's issued on 23-02-2016

The proponent submitted the EIA report submitted on 07-05-2016.

The Proponent and Environment Consultant (Mr. Sanjay, Environmental consultant has got a stay order from High court of Karnataka, against the MoEF's Notification regarding NABET/QCI accredited consultant) attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, EIA report and clarification/additional information provided during the meeting. The committee observed that, in the water balance chart submitted, the proponent considered 80% waste generation against 95%. Also, the scheme of disposal of excess earth is not forthcoming in the report.

The committee after discussion decided to recommend the proposal to SEIAA for issuing of Environmental clearance subject to the condition that, since it is a big project having a population of about 15,000, the proponent should provide primary fire station with in the project premises and after the submission of the following details.

1. Revised water balance chart considering 95% waste water generation.
2. Scheme of disposal of excess earth
3. The stair case width in any part of the building shall not be less than two meters in width and at least there shall be one emergency stair case leading to external exit.

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

Fresh Subjects:

165.18 Expansion of CETP from 40 KLD to 160 KLD at Plot No 25D, 1st Phase Kumbalgodu Industrial Area, Village Kumbalgodu, Taluka & District Bangalore South, Karnataka of Pai and Pai Chemicals India Pvt Ltd, 438/1, 20th main, 1st block, Rajajinagar, Bangalore (SEIAA 14 IND 2016)

Name of the Company: M/s. Pai & Pai Chemicals (I) Pvt. Ltd.,

Name of the Applicant: Mrs. Chhaya D. Rao-President

M/s. Pai & Pai Chemicals (I) Pvt. Ltd., have applied for Environmental Clearance from SEIAA for their Proposed Establishment of Expansion of CETP from 40 KLD to 160 KLD at Plot No 25D, 1st Phase Kumbalgodu Industrial Area, Village Kumbalgodu, Taluka & District Bangalore South, Karnataka. The project site is located at Kumbalgodu Industrial Area.

This is a project falling under the category 7(h) Common Effluent Treatment Plants (CETPs) of the Schedule of EIA Notification 2006.

1. The total Plot area is 1 Acre.
2. The built up area is 7500 Sq.ft.

1. The proposed activity is expansion of existing CETP project from 40 KLD to 160 KLD.

2. Project Cost: Rs.318.80 Lakhs
3. Energy Requirement: The proposed power requirement for the project is 89.5 KW. The required power will be drawn from BESCO
4. Land form, Land use & Land Ownership: The proposed land comes under Kumbalgodu Industrial area, Bangalore south Tq.
5. Hazardous waste details:

The only hazardous wastes generated is used oil from DG sets and oil containing cotton waste, any chemical contaminated containers, linens etc., will be collected, stored and disposed off to KSPCB authorized recyclers/preprocessors.

6. Water requirement: Existing 5 KLD, proposed 7.5 KLD and total is 12.5 KLD. The proposed project is for treatment of the Effluent generated from Kumbalgodu Industrial area and nearby location.
7. Disposal of Sludge: Total 2928 Kf/day of sludge will be generated from various stages of the treatment. Chemical sludge will be sent to CHWTSDF's. Biological sludge will be use back to the treatment process. 732 Kg/day of excess sludge will be sent to anaerobic sludge digester.
8. Green belt: 33% of total plot area shall be secured for green belt development.
9. Environment Management Plan submitted.

Connectivity:

| Sl.No. Road | Distance from the project site (km) | Direction w.r.t.project site |
|------------------------------------|-------------------------------------|------------------------------|
| 1 Bangalore City | 21 | North East |
| 2 State Highway 17 | 0.30 | West |
| 3 Kengeri Railway Station | 7 | North East |
| 4 Kempegowda International Airport | 63 | North East |

All distances mentioned are aerial.

Enclosures: Land Documents, Siteplan

The Proponent and NABET Accredited consultant attended the meeting of SEAC to present the ToRs.

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

The committee after discussion decided to visit the site for accessing the ground reality. The site inspection is fixed on 28-05-2016.

Accordingly the SEAC sub - committee members and Scientific Officer, SEAC visited the site on 28.05.2016. After the site visit the committee decided to recommend the proposal to issue Standard ToR's along with the following Additional ToR's to conduct the EIA studies in accordance with the EIA Notification, 2006.

1. Compliance of the earlier EC & CFE conditions to be given
2. The present placing of unit operations has to be streamlined for easy operation. Only then further expansion can be proposed
3. Immediate arrangements have to be made for disposal of treated effluent, and sludge
4. Rational and well established methods have to be followed for effluent characterization which is the main criteria for success of any effluent treatment process
5. Given the restricted area available at the site, and the off-sets to be given, the proponents can be advised to come up with an expansion scheme with lesser capacity than what they have sought in their application i.e. 160 KLD
6. There is a nala passing in the backside boundary of the proposed project and the effect due to the recent NGT order is to be given.
7. The process flow chart of the existing CETP given is for Biological treatment, but the characteristics of CETP given are for non-biological treatment.
8. In the waste water analysis, the characteristics seems to be not confirming to the treatment scheme and treatability provided in the unit.

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

165.19 New Speciality Chemical Manufacturing Facility at Sy. No. 42A, kalavar village, Dakshina Kannada of M/s. Catasynth Speciality Chemicals Pvt Ltd (SEIAA 15 IND 2016)

Name of Applicant: - Dr. Paul Vincent Menacherry (Director)

Name of the Consultancy Firm: - Hubert Enviro Care Systems (P) Ltd.

Name of the Project: Establishment of New Speciality Chemical manufacturing facility.

Name of the Company: M/s. Catasynth Speciality Chemicals Pvt Ltd

Name of the Applicant: Dr. Paul Vincent Menacherry (Director)

M/s. Catasynth Speciality Chemicals Pvt Ltd., have applied for Environmental Clearance from SEIAA for their Proposed Establishment of New Speciality Chemical Manufacturing Facility at Sy. No. 42A, kalavar village, Dakshina Kannada. The project site is located at Mangaluru SEZ Limited.

This is a project falling under the category 5(f)(Synthetic organic chemicals industry (dyes & dye intermediates; bulk)) of the Schedule of EIA Notification 2006.

1. The total Plot area is 40000 Sq.m.
2. The built up area is 38700 Sqm Sq.ft.
1. The proposed activity is to produce Speciality chemicals (12000 TPA) and Tops and High Boilers (2000 TPA).
2. **Project Cost:** Rs.200 crores.
3. **Energy Requirement:** The proposed power requirement for the project is 7200 KV. The required power will be drawn from MESCOM
4. **Land form, Land use & Land Ownership:** The proposed land comes under Mangaluru SEZ limited, Mangaluru.

Ground coverage for plants, utilities, etc., - 16200 Sqm (40.50%)

ETP/STP area - 1500 Sqm (3.75%)

| | |
|-----------------------|---------------------|
| Piperack - | 1500 Sqm (3.75%) |
| Roads and pavements - | 11000 Sqm (27.50 %) |
| Parking - | 4000 Sqm (10%) |
| Green belt area - | 6400 Sqm (16%) |

5. Hazardous waste details:

The hazardous wastes generated from the process are spent catalyst, spent solvent, process residues, and chemical sludge from the ETP and discarded bags from the raw material section. This will be stored in a separate hazardous waste storage area and are disposed off by giving it to the authorized vendors.

6. Industrial effluent: Industrial effluent is proposed to be sent to common Effluent treatment plant of MSEZL (CETP) for treatment and disposal.

7. Proposed products to be manufactured:

| Sl.No | Products | Quantity (TPA) |
|-------|---|----------------|
| 1 | 1,2-Methylenedioxybenzene (MDB) | 6000 |
| 2 | Piperonal | 2000 |
| 3 | Piperonyl Butoxide | 2000 |
| 4 | Other derivatives of Catechol, MDB and pipernol such such as Helional | 2000 |
| 5 | Tops and High boilers (By-product) | 2000 |
| | TOTAL | 14000 |

8. Solid waste details:

The total quantity of domestic solid waste generated is 108 Kg/day. The organic waste is 45 Kg/day, Inorganic and paper waste is 53 Kg/day and STP sludge is 10 Kg/day.

9. **Water Requirement:** The total water required for the proposed project 1170 KLD. The source of water supply is from MSEZ.

10. **Waste Water Generation Management:** The domestic waste water generated is 35 KLD will be treated in STP and recycled to green belt, and industrial waste of 315 KLD will be treated in CETP of MSEZL.

11. **Other Details:** The proponent has submitted Form-1, along with Pre-feasibility Report.

12. **Enclosures:** Land Documents, Siteplan

The Proponent and NABET accredited consultant attended the meeting of SEAC to present the ToRs.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report, and proposed ToRs and clarification/additional information provided during the meeting. The committee after discussion decided to recommend the proposal to SEIAA to issue standard ToRs along with the following additional ToRs for conducting the EIA studies in accordance with the EIA Notification 2006 and relevant guidelines. The proponent requested the committee to

permit to utilize the baseline data of MSEZ which is monitoring regularly. The committee accepted the same and also directed the proponent to take baseline data from MRPL also which is monitoring regularly as reported by the MSEZ general manager who was present during the meeting.

Additional ToR's.

1. Regarding power, 100% backup is provided, which needs to be justified.
2. Need of 1135 KLD water is to be justified.
3. Explore the possibility of replacing Methylene di chloride as reactant and justification for the use of above solvent in the process to be explained.
4. Examine the alternate method for zero alkaline.
5. Evaluate the use of solvents for Dichloro methane, Ethylene dchloride and dimethyle sulfoxide in the process with alternative solvents in place of the above and also alternate to raney nickel catalyst.
6. Explain green chemistry practiced along with the advantages and disadvantages.
7. Material balance, energy balance and water balance to be given.
8. Scheme for recovery of solvents & solvent losses mitigative measures adopted to reduce the solvent losses to be given.
9. The consequence analysis shall be for MCA to identify the actual vulnerable zone.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of ToRs.

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

165.20 Manufacturing of Cosmaceutical, Active Pharmaceuticals and Specialty Chemicals at Sy. No. 36A/B/60/62/63/64/65, 83P and 84, Jigani Industrial Area, Anekal Taluk Bangalore of M/s. Kumar Organic Products Limited, Plot no.36 B, Usha Krishna Tower, Road no.3&5, Jigani Industrial Area, Anekal Taluk, Bangalore (SEIAA 16 IND 2016)

Name of Applicant: - Mr. S.N.Singh, Director (works)

Name of the Consultancy Firm: - Hubert Enviro Care Systems (P) Ltd.

Name of the Project: Expansion of Cosmaceutical, Active Pharmaceuticals and Specialty Chemicals manufacturing facility.

Name of the Company: M/s. Kumar Organic Products Limited.,

Name of the Applicant: Mr. S.N.Singh, Director (works)

M/s. Kumar Organic Products Limited., have applied for Environmental Clearance from SEIAA for their Proposed Expansion of Cosmaceutical, Active Pharmaceuticals and Specialty Chemicals at Sy. No. 36A/B/60/62/63/64/65, 83P and 84, Jigani Industrial Area, Anekal Taluk Bangalore District. The project site is located at Jigani Industrial area.

This is a project falling under the category 5(f)(Synthetic organic chemicals industry (dyes & dye intermediates; bulk)) of the Schedule of EIA Notification 2006.

1. The total Plot area is 40468 Sqm.

2. The built up area is existing 28328 Sqm and proposed expansion of 8093 Sqm and total built up area is 36421 Sqm..

1. The proposed activity is to Expansion of Cosmaceutical, Active Pharmaceuticals and Specialty Chemicals and the products are Zinc Citrate, Zinc Phosphate & Zinc Lactate.
2. Project Cost: Rs.750 Lakhs
3. Energy Requirement: The proposed power requirement for the project is 600 Kwh.
4. The required power will be drawn from BESCO
5. Land form, Land use & Land Ownership: The proposed land comes under Jigani- Industrial area, Anekal.
6. Hazardous waste details:

The hazardous wastes generated from plant are collected, stored and disposed through authorized disposal cum recycle facilities as per authorization from PCB and the unit has agreements with all waste disposal facilities for the same. The quantities of hazardous waste generated from various processes are shown in the table below.

| Sl. No | Hazardous waste generated | Quantity | Method of handling | Category |
|--------|--|-------------|---|----------|
| 1 | Used oil | 1.5 KL | Collected in leak proof containers and disposed only to KSPCB registered authorized re processor. | 5.1 |
| 2 | Organic residue | 1012.5 Mt/A | Stored in secure manner and handed over to KSPCB authorized incinerator. | 28.1 |
| 3 | M S Drums | 1230 Nos/A | Stored in secure manner and handed over to KSPCB authorized recyclers. | 33.3 |
| 4 | HDPE used Liners | 650 Nos/A | | 34.3 |
| 5 | ETP sludge/Chemical sludge from clarifier and evaporator | 22.0 Mt/A | Stored in secure manner and handed over to KSPCB authorized TSDF. | 34.3 |

1. Table shows of the list of Hazardous Raw materials.

| Sl.No | Name of raw material | Quantity (MT/year) | Proposed |
|-------|---------------------------|--------------------|----------|
| 1 | 2,4-DCP | 1320 | - |
| 2 | 2,5-DCNB | 1536 | - |
| 3 | Sulphuric acid | 7200 | - |
| 4 | HCl | 1200 | - |
| 5 | Iron powder | 1380 | - |
| 6 | Hexane | 300 | - |
| 7 | Ethyl Acetate | 60 | - |
| 8 | Methanol | 120 | - |
| 9 | Hexanoic acid | 60 | - |
| 10 | Acetic acid | 27.6 | - |
| 11 | Resorcinol | 60 | - |
| 12 | Mono ethanol Amine | 10 | - |
| 13 | Butyric acid | 20 | - |
| 14 | Di-methyl acrylic acid | 60 | - |
| 15 | Ethyl Hexanol | 500 | - |
| 16 | Piperidine | 100 | - |
| 17 | 2,4,6-aminochloropyridine | 100 | - |
| 18 | Zinc oxide | - | 1914 |
| 19 | Citric acid | - | 420 |
| 20 | Lactic acid | - | 3186 |
| 21 | Phosphoric acid | - | 384 |

7. Industrial effluent: Industrial effluent is proposed to be sent to Effluent treatment plant for treatment and disposal.
8. Proposed products to be manufactured:

| Sl.No | Proposed products | Capacity (Mt/Annum) |
|-------|---|---------------------|
| 1 | Zinc Citrate | 600 |
| 2 | Zinc Phosphate or Ethyle Hexyle Glycerine | 600 |
| 3 | Zinc Lactate | 1800 |

9. **Raw Materials:** The required raw materials and quantities are shown in table 1.00 of Project report in page.no. 7. The total no. of raw materials procured is about 13.
10. **Solid waste details:** The total quantity of solid waste generated is 7971 Kg/day. Out of this, 2126 Kg/day is Organic waste, 3945 Kg/day is Inorganic waste and 1900 Kg/day of ETP sludge.
11. **Water Requirement:** The total water required for the proposed project 200 KLD (Existing 165 KLD and additional 35 KLD) The source of water supply is from KIADB & private tankers.
12. **Waste Water Generation Management:** The waste water generated will be treated at ETP.
13. **Connectivity:** Site is well connected by an asphalted road which further connects to Bengaluru – Chennai (NH-7) road at a distance of 10.00 Km from the Factory entrance. Nearest Railway station is Anekal 12.00 Km and KIAL is 65 Km.
14. **Other Details:** The proponent has submitted Form-1, along with Pre-feasibility Report.
15. **Environmental Sensitivity:**
 - a) Bannerghatta National Park 8.00 Km
 - b) Jigani Village 3.00 Km
 - c) Anekal Taluk 14.00 Km
16. **Enclosures:** Land Documents, Siteplan

The Proponent and NABET accredited consultant attended the meeting of SEAC to present the ToRs.

The committee appraised the proposal considering the information provided in the statutory application-Form I, pre-feasibility report, and proposed ToRs and clarification/additional information provided during the meeting. The committee observed that, already the industry is running and asked the proponent, whether the proposal is for new industry or expansion of existing one. For this the proponent informed the committee that, the proposal is for expansion of existing industry and also informed that, they have not taken EC earlier, since the industry is working since 1993 as stated by the proponent, and gone for expansion after 1994, EIA Notification of 1994 or 2006 to be verified as the industries which are not covered under above notification, State EC was mandatory for those industries as this is a bulk drug industry. It may be verified for its approvals and all the necessary approvals prevailing at the time of establishment as well as at the time of

expansion. The matter may be verified asking the proponent to put up all the relevant records before taking up the case for consideration or recommending for any action from the authorities. All the running industry should take Environmental Clearance from the competent authority.

The Committee after discussion decided to consider the proposal on submission of all relevant records for his justification. On due verification of the relevant records and the status of the approvals and other conditions, the project may be referred to SEIAA to initiate the credible action against the proponent for the violation.

Action: Secretary, SEAC to collect the details from the proponent and bring to the notice of the committee in subsequent meetings.

165.21 Proposed Residential Apartments & project at Sy.No 55/2, Gubbalalu Village, Uttarahalli Hobali, Bangalore South Taluk of M/s. Pride and Expert Properties Pvt Ltd., Pride Elite, G-2, 10, Museum Road, Bangalore-560001. (SEIAA 58 CON 2016)

Name of Applicant: - M/s. Pride and Expert Properties Pvt Ltd.,

M/s. Pride and Expert Properties Pvt Ltd., have applied for Environmental clearance from SEIAA for their modification of proposed residential Apartment Project at Sy.No 55/2, Gubbalalu Village, Uttarahalli Hobali, Bangalore South Taluk under 8(a) of schedule EIA Notification – 2006 under category B. Project cost is 61.59 Crores.

This is a modification proposal for which the Environmental Clearance was obtained vide File No. SEIAA 234 CON 2008 dated 9th April 2010.

Comparative statement of the earlier EC issued and now proposing is as follows:

| Particulars | EC Obtained | Modification proposal | Difference between old and new propo |
|-----------------------|---|--|--------------------------------------|
| Plot Area | 19,222.41 Sqm | 19012.38 Sqm | 210.03 Sqm |
| Built up area | 69,916.41 Sqm | 72,142.22 Sqm | +2225.81 |
| Number of Units | 404 units | 456 units | +52 units |
| Project configuration | <p>2 Blocks (I & II)</p> <p>Block I consist of 4 towers namely tower A – B+G+12 UF+TF, tower B- B+G+11 UF+TF, Tower C & D with B+G+10UF+TF and clubhouse with G+1.</p> <p>Block – II consists of 5 towers namely Tower E with B+G+10 UF +TF, Tower F with</p> | <p>2 Blocks (I & II)</p> <p>Block I consists of 3 wings namely wing A and B with B+G+12UF, wing C with B+G+11UF.</p> <p>Block II consists of 2 wings</p> | |

| | | | |
|-------------------|---|---|-----------|
| | B+G+11UF +TF, Tower G&H with B+G+12UF+TF, Tower I with B+G+13 UF+TF | namely wing D with B+G+11 UF, Wing E is 3B+GF+10UF and club house with G+1UF. | |
| Water requirement | 300 KLD | 310 KLD | +10 KLD |
| STP Capacity | 270 KLD | 250 KLD | -20 KLD |
| Car parking | 478 Nos | 556 Nos | +78 Nos |
| Investment | Rs. 61.59 Crores | Rs. 61.59 Crore | No change |

Environmental Sensitivity: Subramanyapura lake is about 300 mts from the project site.

The Proponent and Environment Consultant (Sri. Dodda Mudde Gowda, consultant has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee observed that, the proposal is for modification, as there is an increase in BUA from the earlier proposal and the increase is about 2225.81 Sqm. Though there is a marginal increase in BUA, without obtaining modification of Earlier issued EC, the construction work was already taken up and is in advanced stage. And also there is a lot of difference with respect to configuration of the building between present and earlier proposal, for which the proponent informed the committee that, in the earlier issued EC, the configuration was wrongly written and now they have corrected the same and applied for modification. The committee decided to report to SEIAA regarding violation and, since there is marginal increase in BUA (about 3%), appraised the proposal.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after submission of the comparative statement with respect to traffic scenario in earlier issued EC and present condition, and also to initiate the credible action against the proponent for the violation.

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

165.22 Proposed Residential Apartment project at Sy. No. 185,186/1,186/2, Naduvatti Village Kasaba Hobli, Hoskote Taluk, Bangalore District of Mr. S Sreenivasan M/s Sowparnika Projects & Infrastructure Pvt Ltd, No 750, 1st Main Road, 'C' Block AECS Layout, Kundalahalli Bangalore 560037 (SEIAA 59 CON 2016)

M/s Sowparnika Projects & Infrastructure Pvt Ltd., have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy. No. 185,186/1,186/2, Naduvatti Village Kasaba Hobli, Hoskote Taluk, Bangalore District, under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 62.99 Crores.

1. **Land details:** - Total Plot area is 13,354.36 Sq.mts
2. **Project configuration:** The proposed project consisting of 408 in LB+UB+GF+16UF with total built up area of 35,102.19 Sqm. Ht of the building is 49.74 m
3. **Land use details:**

| | |
|----------------------------------|---------------------------|
| Plot Area | : 13,354.36 Sq.mts |
| Built Up Area | : 35,102.19 Sqm |
| Landscape area (proposed) | : 4804.10 Sq.mts (35.97%) |
| Ground Coverage | : 2047.62 Sqm |

FAR allowed is 2.74

4. **Excavated Earth Management:** - Total Excavated Earth is 30800 m³
 Back Filling in Foundation is 6620 m³
 Mound & Slope creation - 2100 m³
 Roads and walkways – 10936 m³
 Casting of soil- 3000 m³
 Soil transported- 1302 m³
 Top soil used for garden area - 6842 m³
5. **Water Requirement:** Total water requirement is 275 KLD. The source of water is BWSSB. Copy of NOC not submitted.
6. **Wastewater Management:** - The total quantity of waste water generated is 220 KLD and treated is proposed STP of design capacity of 225 KLD with SBR Technology.
7. **Solid Waste Management:** Total waste generated in the project is 918 Kg/day; where 550.8 kg/day is the biodegradable waste and 367.2 kg/day is non biodegradable waste.
8. **Energy Requirement:** Total power requirement of 1296 Kw is sourced from BESCOM; Backup power Not Submitted.
9. **Traffic Details:** Not Submitted. Parking proposed: 449 Nos.
10. **Environment sensitivity:** EMP Submitted.
11. **Other details:** Rain water harvesting is proposed.

The Proponent and Environment Consultant (M/s. Mahesh & Dev, consultant has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee observed that, the proposed site is very close to railway track and for this the proponent informed that they have left sufficient buffer from the railway track and the committee advised to take up thick plantation on this side to avoid noise from moving trains. Also, the proponent has been asked to produce the guide lines for the distance to be left from the railway boundary.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after submission of the revised water balance chart considering 55 LPCD as per rural water supply norms.

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

165.23 Proposed Residential Apartments & project at Sy.No .35/3, Doddakallasandra Village, Uttarahalli Hobali, Bangalore 11th KM, Kanakapura Road, J.P.Nagar, 9th Phase, Bangalore of M/s. Pride and Expert Properties Pvt Ltd, Pride Elite, G-2, 10, Museum Road, Bangalore-560001. (SEIAA 60 CON 2016).

Name of Applicant: - M/s. Pride and Expert Properties Pvt Ltd.,

M/s. Pride and Expert Properties Pvt Ltd., have applied for Environmental clearance from SEIAA for their expansion of proposed residential Apartment Project at Sy.No .35/3, Doddakallasandra Village, Uttarahalli Hobali, Bangalore 11th KM, Kanakapura Road, J.P.Nagar, 9th Phase, Bangalore under 8(a) of schedule EIA Notification – 2006 under category B.

The project had earlier obtained Environmental Clearance from SEIAA vide letter No. SEIAA 197 CON 2012 dated 03.10.2013 for a plot area of 19,924.88 Sqm and Built up area of 34,924.93 Sqm of 130 Units. Now the proponent applied for Environmental Clearance for their expansion proposal due to increase in 4 flats, as they have modified their bigger flats (4BHK) in to 2 BHK and 3 BHK flats.

Comparative statement of the earlier EC issued and now proposing is as follows:

| Particulars | EC Obtained | Modification proposal | Difference between old and new propo |
|-----------------------|---|------------------------------|---|
| Plot Area | 19,924.88 Sqm | | No change |
| Built up area | 52,073.31 Sqm (by oversight mentioned as 34,924.93 Sqm in EC) | 52,073.31 Sqm | No change |
| Number of Units | 130 units | 134 units | +4 units |
| Project configuration | B+G+4UF | B+G+4UF | No change |

| | | | |
|-------------------|------------------|-----------------|-----------|
| Water requirement | 100 KLD | 100 KLD | No change |
| STP Capacity | 80 KLD | 90 KLD | +10 KLD |
| Car parking | 287 Nos | 242 Nos | -45 Nos |
| Investment | Rs. 99.45 Crores | Rs. 99.45Crores | No change |

Environmental Sensitivity: Konankunte lake is about 400 mts from the project site.

The Proponent and Environment Consultant (Sri. Dodda Mudde Gowda, consultant has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The proponent informed the committee that, in the earlier issued EC, the BUA is wrongly mentioned considering FAR which is 34924.935 Sqm against the actual BUA of 52,073.31 Sqm and now, they have applied for modification of the same and also there is an increase in number of flats by 4 nos. The proponent has submitted village map in which the project is situated and in that map, the nearest lake shown is at a distance of 100 m and also as per the measurement based on the scale given, it is beyond 75 m from the project boundary and hence complies to the latest NGT order regarding buffer from the lakes. The committee observed that, the proposed site is beyond 75 m from the lake and there is a marginal increase in the no. of flats and there is no increase in natural resources utility like water energy etc..

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after submission of the comparative statement with respect to traffic scenario in earlier issued EC and present condition.

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

165.24 Proposed Residential apartment Project at Sy.No. 83 Katha No 3595/83 Of Bilekahalli Village, Begur Hobali, Bangalore South Taluk, Bangalore of M/s Sumukha Constructions, No. 35, 1st Floor, 12th Main, Jayanagar 4th Block East, Bangalore 560011. (SEIAA 61 CON 2016)

M/s Sumukha Constructions., have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy.No. 83 Katha No 3595/83 Of Bilekahalli Village, Begur Hobali, Bangalore South Taluk, Bangalore Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 50 Crores.

- 1. Land details:** - Total Plot area is 8,010.16 Sq.mts
- 2. Project configuration:** The proposed project consisting of BF+GF +4UF with 152 no of units with Total Built up area is 23,722.03 Sqm. Ht. of Building is 14.95 M.

3. Land Use Details:

Paved area is 2001.63(17.19%)

Ground Coverage is 3365.23 Sqm (49.81%)

Landscape area (proposed) 2643.3 Sq.mts (33.0%).

- 4. Excavated Earth Management:** - Total Excavated Earth is 18000 m³ will be used within the project site only.
- 5. Water Requirement:** Total water requirement is 103 KLD. The source of water is BWSSB. Copy of NOC not submitted.
- 6. Wastewater Management:** - The total quantity of waste water generated is 93 KLD and treated is proposed STP of design capacity of 100 KLD with SBR Technology.
- 7. Solid Waste Management:** Total waste generated in the project is 342 Kg/day; where 205 kg/day is the biodegradable waste and 137 kg/day is non biodegradable waste.
- 8. Energy Requirement:** Total power requirement of 1000 Kw is sourced from BESCOM; Backup power proposed is DG set of 2 X 220 KVA.
- 9. Traffic Details:** Parking proposed: 167 Nos.
- 10. Environment sensitivity:** EMP Submitted. Madivala Lake – 100 m East direction.
- 12. Other details:** Rain water harvesting is proposed.

The Proponent and Environment Consultant (The consultant Mr. K. S. Dodda Muddegowda has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

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

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance.

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

165.25 Proposed residential apartment project at Sy. No. 68/2 of Harlur village, Varthur Hobli, Bangalore East Taluk of M/s. Pariwar Housing Corporation and M/s Wise Builders and developers, # 167, 36th Cross, 18th Main, 4th T Block, Jayanagar, Bangalore- 560041. (SEIAA 62 CON 2016)

M/s. Pariwar Housing Corporation and M/s Wise Builders and developers., have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy. No. 68/2 of Harlur village, Varthur Hobli, Bangalore East Taluk, Bengaluru Urban District, under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 90 Crores.

- 1. Land use details:** - Total Plot area is 16,996.65 Sq.mts
 - Ground Coverage is 4,851.28 Sqm(31.71%)
 - Roads and open area is 3,781.06 Sqm(24.71%)
 - Road widening is 1,697.88 Sqm

Net Site Area is 15,298.77 Sqm
 Landscape area (proposed) is 6666.43 Sq.mts (43.57%).
 FAR Achieved 2.23
 FAR Permissible 2.25

2. **Project configuration:** The proposed project consisting of BF + GF + 14UF with 318 no of units with Total Built up area is 59,691.30 Sqm. Ht. of Building is 44.95 M. The ROW is 12.19m.
3. **Excavated Earth Management:** - Total Excavated Earth is 24,256.40 m³
 Back Filling for Footings is 9,702.56 m³
 Back Filling for retaining wall is 773.13 m³
 Top Soil for Landscaping – 9,999.65 m³
 Filling for internal roads – 3,781.06 m³
4. **Water Requirement:** Total water requirement is 221.81 KLD. The source of water is BWSSB. Copy of NOC not submitted.
5. **Wastewater Management:** - The total quantity of waste water generated is 210 KLD and treated is proposed STP of design capacity of 230 KLD with SBR Technology.
6. **Solid Waste Management:** Total waste generated in the project is 636 Kg/day; where 382 kg/day is the biodegradable waste and 254 kg/day is non biodegradable waste.
7. **Energy Requirement:** Total power requirement of 1431 Kw is sourced from BESCO; Backup power proposed is DG set of 3 X 500 KVA.
8. **Traffic Details:** Not Submitted. Parking proposed: 351 Nos.
9. **Environment sensitivity:** EMP Submitted.
 Lakedew lake 0.10 kms
 Harlur lake 0.50 kms
 Chikka Kudlu lake 1.41 kms
 Hosa lake 1.55 kms
10. **Other details:** Rain water harvesting is proposed.

The proponent was invited to provide required clarification. The proponent remained absent.

The Committee decided to defer the subject providing one more opportunity to proponent with intimation that the proposal will be appraised based on merit in his absence, in case he remains absent.

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

165.26 Proposed Commercial Development at Sy.no.174/1. hunsamarahalli Village. Yelahanka Hobli. Bangalore North Taluk of M/s Farah Builders Pvt Ltd, Evershine, 1st Floor, # 30/1, Vittal Malya Road, Bangalore- 560001. (SEIAA 63 CON 2016)

M/s Farah Builders Pvt Ltd., have applied for Environmental clearance from SEIAA for their proposed development of Commercial Development Project at Sy.no.174/1. hunsamarahalli Village. Yelahanka Hobli. Bangalore North Taluk, Bangalore Urban

District, under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 60 Crores.

1. **Land details:** - Total Plot area is 15,276.75 Sq.mts
2. **Project configuration:** The proposed project consisting of 2BF + GF + 10 UF with 144 no of units with Total Built up area is 54,528.61 Sqm. Ht. of Building is 44.95 M. The ROW is 67 m.
Permissible F.A.R is 3.25, Proposed F.A.R is 2.94.
3. Land Use details:
 - Landscape area (proposed): 5041.3 Sq.mts (33%).
 - Ground Coverage is 4036.95 sqm (27.4%)
 - Paved area(Drive way) – 6198.5 sqm (39.6%)
4. **Excavated Earth Management:** - Total Earth generated in the project site is 32,000 Cum which will be used within the project site for landscaping of gardens and road making etc.
5. **Water Requirement:** Total water requirement is 203 KLD. The source of water is BWSSB. Copy of NOC is submitted.
6. **Wastewater Management:** - The total quantity of waste water generated is 185 KLD and treated is proposed STP of design capacity of 185 KLD with SBR Technology.
7. **Solid Waste Management:** Total waste generated in the project is 1350 Kg/day; where 810 kg/day is the biodegradable waste and 540 kg/day is non biodegradable waste.
8. **Energy Requirement:** Total power requirement of 3.0 Mw is sourced from BESCOM; Backup power proposed is DG set of 3 X 2000 KVA.
9. **Traffic Details:** Not Submitted. Parking Required/proposed: 808/812 Nos.
10. **Environment sensitivity:** EMP Submitted.
11. **Other details:** Rain water Harvesting proposed.

The Proponent and Environment Consultant (The consultant Mr. K. S. Dodda Muddegowda has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The proponent informed that, there is a tertiary nala passing nearby and as per latest NGT order, they have left a buffer of 25m from the edge of the nala. The committee directed the proponent to develop this buffer zone as green belt in addition to 33% green belt to be left as per norms within the site.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance subject to submission of scientific assessment of availability of water for quality and quantity and an approval from the ground water authority.

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

165.27 Proposed Non-Residential Development Plan For Reddy Jana Sangha Institute Of Medical Sciences And Research Center at Sy No: 26 and 27, Kasavanahalli Village, Varthur Hobali, Bangalore of Karnataka Reddy Jana Sangha, # 1, Mahayogi Vemana Road, 16th Main, Koramangala 3rd Block, Bangalore – 560034. (SEIAA 64 CON 2016)

M/s. Karnataka Reddy Jana Sangha., have applied for Environmental clearance from SEIAA for their proposed development of Institute of Medical Sciences and Research Center at Sy No: 26 and 27, Kasavanahalli Village, Varthur Hobali, Bangalore, under 8(a) of schedule EIA Notification – 2006 under category B. Total Project cost is 100 Crores.

1. **Land details:** - Total Plot area is 77,395.83 Sq.mts
2. **Project configuration:** The proposed project consisting of 350 beds with 15 Blocks (Block1-SF+GF+7UF, Block2-BF+GF+6UF, Block3-SF+GF+7UF, Block4-BF+GF+6UF, Block5-SF+GF, Block6-GF, Block7-GF, Block8-GF+2UF, Block9-GF, Block10-SF+9UF, Block11-SF+9UF, Block12-SF+9UF, Block13-GF+3UF & Block15-SF+9UF with Total Built up area is 1,34,512.55 Sqm. Ht. of Building is 30 M. The ROW is 20 M.
3. **Land use details:**
 - Landscape area (proposed): 25540.6 (33.0%) Sq.mts.
 - Roads and walkways – 35141.17 (41.4%) sqm
 - Ground Coverage – 16714.06 (25.6%) sqm
 - Available FAR area is 2.25. Achieved FAR is 1.58
4. **Excavated Earth Management:** - Total Earth generated in the project site is 50,000 Cum which will be used within the project site for landscaping of gardens and road making etc.
5. **Water Requirement:** Total water requirement is 540 KLD. The source of water is BWSSB. Copy of NOC not submitted.
6. **Wastewater Management:** - The total quantity of waste water generated is 486 KLD and treated is proposed STP of design capacity of 500 KLD with SBR Technology.
7. **Solid Waste Management:** Total waste generated in the project is 1872 Kg/day; where 1123 kg/day is the biodegradable waste and 749 kg/day is non biodegradable waste and 350 Kg/day is Biomedical Waste.
8. **Energy Requirement:** Total power requirement of 2.0 Mw is sourced from BESCOM; Backup power proposed is DG set of 2 X 500 KVA.
9. **Traffic Details:** Not Submitted. Parking Required/Provide: 1036/1067 Nos.
10. **Environment sensitivity:** EMP Submitted.
11. **Other details:** Rain water Harvesting proposed

The Proponent and Environment Consultant (The consultant Mr. K. S. Dodda Muddegowda has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

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

construction of hospital is under progress. For this the proponent informed the committee that, they have taken up construction work for built up area of about 18000 sqm, but the construction has been stopped, because as per the revised plan, the BUA is more than 20000 Sqm and now they have applied for Environmental Clearance and after obtaining EC, they will resume the work. They have also informed that, the present land is a Govt. gomala land and the Govt. has converted the same for the purpose of building an hospital and handed over the land to the proponents. For this construction, they have not taken CFE from PCB. The committee decided to report violation of MoEF Notification 2006 to SEIAA and to initiate credible action against the proponent. Also, the committee asked the proponent to submit all the details, like sanctioned layout plan, drawings etc., for already constructed building. Also, the proponent informed that they have applied for license for medical college for 100 student capacity. But, some of the members expressed that, as per MCI norms, for one student there should be 6 beds ratio and in the present case, the proposal is for 350 bed hospital which needs to be clarified.

The project consists of three blocks, namely A, B and C. In block A, only Hospital building, in block B, residential quarters & hostel and in block C, laundry will come up. These three blocks are independent. As per the Notification No. S.O. 3252(E) dated 22.12.2014 issued by MoEF & CC, Government of India, New Delhi and O.M No. 19-2/2013-IA-III dated 09.06.2015 issued by MoEF & CC, Government of India, New Delhi, EC is required for hospital building only (in the present case, in block A portion). EC is not required for college, hostel (in block B & C). But, now the proposal is submitted for all the buildings as a whole single parcel. In this regard committee needs clarification from the authority. Since there are three independent blocks, the proponent has been asked to submit water balance chart independently for all the three blocks.

The Committee after discussion decided to reconsider the proposal after obtaining clarification from the SEIAA and also after the submission of revised water balance charts and MCI guidelines for setting up of medical college and hospital.

Action: Secretary, SEAC to put up the proposal to SEAC after the submission of above information and clarification from the authority.

165.28 Proposed Residential Development Project at Khatha No. 725/39/2 (Survey No. 39/2, 39/3, 40 and 43) Allalassandra Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru of M/s. Manjeera Constructions Limited, #304 Aditya Trade Centre, Aditya Enclave, Ameerpet, Hyderabad, Telangana 500038 (SEIAA 65 CON 2016)

M/s. Manjeera Constructions Limited., have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Khatha No. 725/39/2 (Survey No. 39/2, 39/3, 40 and 43) Allalassandra Village, Yelahanka Hobli, Bengaluru North Taluk, Bengaluru Urban District, under 8(a) of schedule EIA Notification – 2006 under category B.

1. **Land details:** - Total Plot area is 14,876 Sq.mts
Area left for road widening is 575.44 Sqm
Net Site Area available is 14,300.56 Sqm
FAR Achieved 3.75. Available 3.25 TDR 0.50

2. **Project configuration:** The proposed project consisting of 3BF + GF + 19UF with 399 no of units with Total Built up area is 77,026.57 Sqm. Ht. of Building is 59.95 M.
3. **Land Use details:** Landscape area (proposed): 4,766 Sqm.
4. **Excavated Earth Management:** - Total Excavated Earth is 48,860 m³
Leveling is 39,461m³
Remaining for road/backfilling is 6,607 m³
5. **Water Requirement:** Total water requirement is 284 KLD. The source of water is BWSSB. Copy of NOC Not submitted.
6. **Wastewater Management:** - The total quantity of waste water generated is 256 KLD and treated is proposed STP of design capacity of 260 KLD with SBR Technology.
7. **Solid Waste Management:** Total waste generated in the project is 988 Kg/day; where 593 kg/day is the biodegradable waste and 395 kg/day is non biodegradable waste.
8. **Energy Requirement:** Total power requirement of 2726 Kw is sourced from BESCOM; Backup power proposed is DG set of 4 X 500 KVA.
9. **Traffic Details:** Submitted. Parking Required/Provide: 440/532 Nos.
10. **Environment sensitivity:** EMP Submitted. Allalassandra lake is at a distance of 500 m (W); Shivanahalli tank (Pond) exists towards the south of the project site. Storm water drain connecting Jakkurlake in the downstream exists towards the south of the project site after shivanahalli tank; Jakkur lake is about 1.2 km East of the project site.

The Proponent and Environment Consultant (The consultant, Sri. Anand Kumar. A. has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee observed that, in the land conversion order issued by DC, for the Sy. No. 43, it was mentioned that, there is a tank on the southern side.(in the adjoining property statement). And as per the latest NGT order, there should be a min. of 75 m from the edge of the water level is to be left as buffer zone. The committee asked the proponent to revise the conceptual plan adhering to NGT order and submit. For this, the proponent replied that, if they leave 75 m buffer from the edge of the water level, there will be no land left for taking any construction activity.

The Committee after discussion decided to recommend the proposal to SEIAA for rejection.

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

165.29 Proposed residential apartment project at Sy. No. 199/1, Kodathi Village, Varthur Hobli, Bangalore East Taluk, Bangalore of M/s. Ahad Builders Pvt Ltd, (SEIAA 67 CON 2016)

M/s. Ahad Builders Pvt Ltd, have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy. No. 199/1, Kodathi Village, Varthur Hobli, Bangalore East Taluk, Bangalore Urban District, under 8(a) of schedule EIA Notification – 2006 under category B. Total project cost is 85 Crores.

1. **Land details:** - Total Plot area is 12,443.97 Sq.mts
2. **Project configuration:** The proposed project consisting of B + G + 19UF+TF with 346 no of units with Total Built up area is 55,343.99 Sqm. Ht. of Building is 59.95 M.
3. **Land Use details:**
 - Landscape area (proposed): 4,766 Sqm. (40.01%)
 - Ground Coverage : 2,362.34 Sqm (18.98%)
 - FAR available is 2.94 and achieved is 3
4. **Excavated Earth Management:** - Total Excavated Earth is 9,449.36 Cum
 - Back filling for footings is 2,834.81 Cum
 - Backfilling for retaining wall is 42.73 Cum
 - Top soil for landscaping is 2,489.13 Cum
 - Filling for internal roads is 4,082.70 cum
5. **Water Requirement:** Total water requirement is 241.34 KLD (Fresh water 163.49 KLD+recycled water 77.85 KLD). The source of water is BWSSB. Copy of NOC Not submitted.
6. **Wastewater Management:** - The total quantity of waste water generated is 229.27 KLD (considering 95%)and treated is proposed STP of design capacity of 250 KLD with SBR Technology.
7. **Solid Waste Management:** Total waste generated in the project is 692 Kg/day;
8. **Energy Requirement:** Total power requirement of 1557 KVA is sourced from BESCOM; Backup power proposed is DG set of 3x450 KVA.
9. **Traffic Details:** Submitted. Parking Provided is 381 ECS.
10. **Environment sensitivity:** EMP submitted. Hadosiddapura Lake is 1.0 Km (S direction) and Halanayakanahalli lake is 1.8 km (W direction)

The Proponent and Environment Consultant (Sri. Dhanraj Bharathi Narasimha, consultant has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan and clarification/additional information provided during the meeting. The committee observed that, in the village map, the road and nala are indicated separately, but during the preparation of CDP, the nala has been diverted along the road side and for all practical purpose, it is considered as a road side drain. In case, this is not treated as a road side drain and considered as a nala, then as per the latest NGT order, no development work will be taken along this road, because on either side of the nala, a min 25 m buffer has to be provided, and the road will be of no use.

Also the properties lying either side of the road will not have accessible road as the same cannot be treated in the buffer zone. Hence, the committee felt that this nala to be treated as road side drain.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of EC subject to the acceptance of the above consideration by SEIAA.

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

165.30 Proposed Residential Buildings – C type quarters at Sy. No. 16 Khatha No. 669/572, Jalahalli, Bangalore North, Bangalore Urban District, Bangalore of Bharath Electronics limited (Government of India Enterprise), Ministry of Defence, Jalahalli, Bangalore- 560013 (SEIAA 68 CON 2016)

M/s. Bharath Electronics limited., have applied for Environmental clearance from SEIAA for their proposed development of Residential Building Project at Sy. No. 16 Khatha No. 669/572, Jalahalli, Bangalore North, Bangalore Urban District, under 8(a) of schedule EIA Notification – 2006 under category B.

1. **Land details:** - Total Plot area is 26000 Sq.mts
2. **Project configuration:** The proposed project consisting of G (stilt)+8UF with 256 no of units with Total Built up area is 43519.0 Sqm. Ht. of Building is 26.1 M. The ROW is 12 M.
3. **Land use details:**
 - Landscape area (proposed): 12700 Sq.mts. (48.46%)
 - Ground Coverage 8160.0 Sqm (31.38%)
4. **Water Requirement:** Total water requirement is 180 KLD. The source of water is BWSSB. Copy of NOC is submitted.
5. **Wastewater Management:** - The total quantity of waste water generated is 171 KLD and treated is proposed STP of design capacity of 1.8 MLD with CCS Technology.
6. **Solid Waste Management:** Total waste generated in the project is 0.704 MT/day;
Energy Requirement: Total power requirement of 1350 Kw is sourced from BESCOM; Backup power proposed is DG set of 2 X 250 KVA. Total Energy savings from the project proposed Solar water heater 32 Nos 500 LPD, Solar Power plant 8 Nos of 5Kw.
7. **Traffic Details:** Submitted. Parking proposed: 272 Nos.
8. **Environment sensitivity:** EMP Submitted.
9. **Other details:** 170 ML Rain water Harvesting will be implementing with Storm rain water collection sump.

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

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

plan, the entire area is marked as BEL industrial area and the committee asked the proponent, whether they have taken any EC from either MoEF or from the state. For this the proponent informed that, they are having defence oriented industry and not taken any EC from anybody. For the proposed residential buildings, there will be deviation from the CDP, where it is mentioned as industrial area and regarding the plan sanctioning authority, the proponent replied that, they have got their own architect who is empowered to sanction the building plan, drawings and structural design of the buildings coming up within their premises. The chief architect will report to the GM (services) and then the proposal will be got approved in the board of directors.

The committee asked the proponent to submit full details of the sanctioning authority and hierarchy of their department. The proponent informed the committee that, they are building these residential quarters in vacant land in the already existing residential colony within their premises and for this construction they are not demolishing any buildings. The proponent has been advised to demarcate residential zone in the existing industrial area by modifying the CDP, for which, the proponent replied that, they will discuss with their higher officers in this regard and will take necessary steps to modify the CDP.

It was observed that, during construction phase, mobile STP's are provided and for this the committee has advised the proponent to connect if the UGD is already available. The proponent may avoid setting up of mobile STP.

The Committee after discussion decided to recommend the proposal to SEIAA for issue of Environmental Clearance after the submission of the following.

1. Hierarchy of the department and plan sanctioning details/procedure followed in the industry along with approval from the competent authority to approve the developmental plan in the premises of the industry.
2. Change in the concept of CDP by demarcating residential zone in it.

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

165.31 Expansion of Residential apartment project at Sy. No. 3/1, Khatha No. 717/3/1, Singasandra Village, Bangalore South Taluk, Bangalore Urban District of M/s Believe Enterprises Limited, Kaveri Multitech Center, Bommasandra Industrial Area, Bangalore-560099. (SEIAA 69 CON 2016)

M/s Believe Enterprises Limited, have applied for Environmental clearance from SEIAA for their proposed development of Residential Apartment Project at Sy. No. 3/1, Khatha No. 717/3/1, Singasandra Village, Bangalore South Taluk, Bangalore Urban District under 8(a) of schedule EIA Notification – 2006 under category B. Total project cost is 35.94 Crores.

This is a proposal for expansion of residential apartment. No of units increased from 66 units to 173 units and built up area increased from 13,772.07 Sqm to 22,612.96 Sqm.

1. **Land details:** - Total Plot area is 5099.18 Sqm.

2. **Project configuration:** The proposed project is having 173 units in B+G+7UF +TF with a total built up area of 22,612.96 Sqm. Ht of the building is 23.6m.
3. **Land Use details:**
 - Landscape area (proposed): 974.16 Sqm (18.34 %)
 - Paved area : 1786.39 Sqm (35.8%)
 - Ground Coverage : 2338.63 Sqm (45.86%)
 - FAR permissible is 3.25 and achieved is 3.19
4. **Excavated Earth Management:** - Total Excavated Earth is 13,317.19 Cum
Back filling for footings is 3,329.30 Cum
The balanced 9,987.89 Cum will be used within the project site for landscaping of gardens and road making and excess soil used in other construction work.
5. **Water Requirement:** Total water requirement is 116.8 KLD. The source of water is BWSSB. Copy of NOC submitted.
6. **Wastewater Management:** - The total quantity of waste water generated is 110.96 KLD (considering 95%) and treated is proposed STP of design capacity of 115 KLD with SBR Technology.
7. **Solid Waste Management:** Total waste generated in the project is 432.5 Kg/day out of that 259.5 kg/day is organic waste and 173 kg/day is inorganic waste.
8. **Energy Requirement:** Total power requirement of 750 KW is sourced from BESCOM; Backup power proposed is DG set of 1x320 KVA.
9. **Traffic Details:** Not Submitted. Parking Provided is 192 ECS.
10. **Environment sensitivity:** EMP submitted.

The Proponent and Environment Consultant (Sri. Lohith Kumar H.N, consultant has got stay order from the high court for the MoEF Notification regarding presentation of the proposal by NABET/QCI accredited consultants) attended the meeting of SEAC to provide clarification/additional information.

The committee observed that, already construction work has been commenced and as verified from the photos, already construction of 5th floor is under progress. The proponent informed the committee that, they have taken BBMP approval for G+3 UF for a built up area of 13772 Sqm and construction was started. But during construction, they have modified the configuration from 3 UF to 7 UF with an increase in BUA to 22162.96 Sqm, and hence, now they have applied for EC. Regarding obtaining CFE from the PCB before commencement of the work, the proponent replied that, during construction of G+3 UF, they have applied for CFE to PCB, but not obtained the same and later on they have again applied for CFE after there is a change in configuration and PCB has cancelled their earlier application. The proponent has failed to clarify the above violation and requested to defer the proposal to the next meeting.

The Committee after discussion decided to defer the proposal as requested by the proponent.

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

165.32 Nidagal Multicolor Granite Quarry project at Survey No. 47 Nidagal Kanakapura Ramanagara Karnataka (6.27 Ha) of M/S Mysore Minerals Ltd ‘A’ Block, 5th Floor, TTMC Building BMTC Shantinagar, Bangalore -560027 (SEIAA 110 MIN 2016)

This is a Existing mine and for the first time, proposal submitted by M/S Mysore Minerals Ltd, seeking Environmental clearance for quarrying of Multicolor Granite in an area of 6.27 Ha at Sy.No.47 of Nidagal village, Kanakapura taluk, Ramanagara District, Karnataka. It is a Govt. Land. The lease deed is valid for twenty years from 18-10-2012. The quarry plan was approved by DMG on 20-01-2015.

It is stated that the project do not attract General conditions of EIA Notification of 2006.

The Quarry plan has been prepared by RQP Sri H.Sanjeewegowda, approved by Indian Bureau of Mines. Capacity of mining is Avg. 80250 Cum. Saleable quantity is 14050 Cum and waste is 56200 Cum for five years. Copy of RTC, NOC from Forest department, DMG Notification is not enclosed. In form – 1, Sl.no.21, the proponent written that, application for NOC from forest department and wildlife clearance are yet to be submitted.

The land use pattern is as below.

| Particulars | Present Land use (Ha) | Proposed Land use for the next five years (in Ha) | Total (Ha) |
|---------------------|-----------------------|---|------------|
| Quarrying | 1.30 | 0.63 | 1.93 |
| Dumping | 0.47 | 0.32 | 0.79 |
| Roads | 0.48 | - | 0.48 |
| Block stock yard | 0.15 | - | 0.15 |
| Green belt | -- | 0.44 | 0.44 |
| Statutory Buildings | -- | -- | -- |
| Unused area | 3.87 | -- | 2.48 |
| Total | 6.27 | 1.39 | 6.27 |

The Proponent and the NABET EIA Coordinator attended the meeting of SEAC to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, approved mining plan and clarification/information provided during the meeting. The committee observed that, there is a discrepancy in Sy. No. between the approved quarry plan and survey sketch. In the approved quarry plan it was mentioned as Sy. no. 47, where as in survey sketch, it was mentioned as 42. Also there is no geological and mineable reserve calculation. The proponent has purchased patta land but this area is not included in the quarry plan. Except approved quarry plan, there are no other statutory records like DMG Notification, District task force report, NOC from forest and wild life authority submitted by the proponent.

The committee after discussion had decided to recommend the proposal to SEIAA for closure.

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

165.33 Kebbehalli Multicolor Granite Quarry project at SY. No. 67, 112 & 195 Kebbehalli Kanakapura Ramanagara Karnataka (8.28 Ha) of M/s. Mysore Minerals Ltd TTMC 'A' Block, 5th Floor, BMTC Building, K. H. Road, Shanthinagar, Bangalore -560027 (SEIAA 161 MIN 2016)

This is a Existing mine and for the first time, proposal submitted by M/S Mysore Minerals Ltd, seeking Environmental clearance for quarrying of Multicolor Granite in an area of 8.28 Ha at Sy.No. 67, 112 & 195 of Kebbehalli village, Kanakapura taluk, Ramanagara District, Karnataka. It is a Govt. Land. The lease deed is valid for twenty years from 25-08-2005. The quarry plan was approved by DMG on 20-01-2015.

It is stated that the project do not attract General conditions of EIA Notification of 2006.

The Quarry plan has been prepared by RQP Sri. H.Sanjeevegowda, approved by Indian Bureau of Mines. Capacity of mining is Avg. 81050 Cum. Saleable quantity is 15920 Cum and waste is 65130 Cum for five years. Copy of RTC, NOC from Forest department, DMG Notification is not enclosed. In form – 1, Sl.no.21, the proponent written that, application for NOC from forest department and wildlife clearance are yet to be submitted.

The land use pattern is as below.

| Particulars | Present Land use (Ha) | Proposed Land use for the next five years (in Ha) | Total (Ha) |
|---------------------|-----------------------|---|------------|
| Quarrying | 0.11 | 1.30 | 1.41 |
| Dumping | 0.56 | 0.43 | 0.99 |
| Roads | 0.51 | - | 0.51 |
| Block stock yard | 0.26 | - | 0.26 |
| Green belt | -- | 0.55 | 0.55 |
| Statutory Buildings | -- | -- | -- |
| Unused area | 4.83 | -- | 2.55 |
| Total | 6.27 | 2.28 | 6.27 |

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

The committee appraised the proposal considering the information provided in the statutory application-Form I, Pre Feasibility Report, approved mining plan and clarification/information provided during the meeting. The committee observed that, there is a discrepancy in the extent of lease area. The quarry plan was approved for 8.28 ha, where as in the land use details it was given for 6.27 ha. only. Also there is no geological and mineable reserve calculation. Except approved quarry plan, there are no other statutory records like DMG Notification, District task force report, NOC from forest and wild life authority submitted by the proponent. Also the committee observed that the Sy. No. 195 is not reflected in the approved revenue sketch of the quarry.

The committee after discussion had decided to recommend the proposal to SEIAA for closure.

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

Subject Taken with the permission of the Chair:

165.34 Proposed New Active Pharmaceutical Ingredients (API's) and Non API Manufacturing Unit at Sy. No's 5/7 (P), 58A/(P), 5/8B, 5/8C(P), 5/10(P), 6/1(P), 6/3(P), 7/1(P), 7/2, 7/3(P), 81C(P), 10/1, 10/2, 10/3, 10/4A(P), 10/5, 10/6, 10/7(P), 10/8, 10/9, 10/10A(P), 10/11(P), 10/12(P), 10/13(P), 11/1(P), 11/2(P), 11/3, 11/4, 11/5, 11/6, 11/9, 11/10, 12/5(P), 12/6(P), 12/11(P), 12/12(P), 13/1, 13/2(P), 13/3, 13/4, 13/5, 13/6, 14/4(P), 14/5(P), 14/6(P), 14/7(P), 14/8, 14/9, 15/2D(P), 15/2E, 17/8(P), 17/3(P), 17/22(P), 17/23(P), 17/25(P), 98/1(P), 98/2(P), 99/1(P), 99/2(P), 100(P) of Kalavar Village, Mangalore Taluk, Dakshina Kannada District of M/s Syngene International Private Limited, Biocon Park,Plot no-2&3,Bommasandra,IV Jgani Link road, Bangalore. (SEIAA 27 IND 2015)

M/s. Syngene International Private Limited, have applied for Environmental clearance from SEIAA for proposed New Active Pharmaceutical Ingredients (API's) and Non API Manufacturing Unit at Sy. No's 5/7 (P), 58A/(P), 5/8B, 5/8C(P), 5/10(P), 6/1(P), 6/3(P), 7/1(P), 7/2, 7/3(P), 81C(P), 10/1, 10/2, 10/3, 10/4A(P), 10/5, 10/6, 10/7(P), 10/8, 10/9, 10/10A(P), 10/11(P), 10/12(P), 10/13(P), 11/1(P), 11/2(P), 11/3, 11/4, 11/5, 11/6, 11/9, 11/10, 12/5(P), 12/6(P), 12/11(P), 12/12(P), 13/1, 13/2(P), 13/3, 13/4, 13/5, 13/6, 14/4(P), 14/5(P), 14/6(P), 14/7(P), 14/8, 14/9, 15/2D(P), 15/2E, 17/8(P), 17/3(P), 17/22(P), 17/23(P), 17/25(P), 98/1(P), 98/2(P), 99/1(P), 99/2(P), 100(P) of Kalavar Village, Mangalore Taluk, Dakshina Kannada District under category B.

The Proponent and Environment Consultant attended the 150th meeting of SEAC held on 7th, 8th and 9th October 2015 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, Conceptual Plan, EIA report and clarification/additional information provided during the meeting. Since the project falls in the category B1, the committee decided to appraise the proposal under B1 category. The proponent informed the committee that, earlier, the area under SEZ is earmarked for petro chemical industry & now changed to multi product industry including pharmaceuticals.

The Committee after discussion had decided to issue following additional TOR's along with Standard TOR's.

1. Detailed product name.
2. Letter from MOEF regarding change in land use pattern.
3. Revised land use plan increasing the green belt area from 4.63% to 33%
4. Evaluate the ETP available w.r.t. the discharge.

Accordingly the ToR was issued on 28.10.2015.

The proponent has submitted the EIA report vide letter dated 01.03.2016.

The Proponent and Environment Consultant attended the 163rd meeting of SEAC held on 15th and 16th April 2016 to provide clarification/additional information.

Most of the committee members have not received the material. The committee opined that since it is an EIA project, without the material it cannot be appraise the proposal.

The committee therefore had decided to defer the proposal to next meeting.

The Proponent and Environment Consultant attended the 164th meeting of SEAC held on 11th and 12th May 2016 to provide clarification/additional information.

The committee appraised the proposal considering the information provided in the statutory application-Form I, Form-1A, EIA report and clarification/additional information provided during the meeting. During the discussion, the committee asked clarification from the proponent regarding provision of green belt in SEZ area, and the proponent informed that, as per the SEZ regulation, considering SEZ area as a whole, 33% of the total SEZ area is to be left for green belt, and the proponent has been asked to produce the same. The proponent informed the committee that, for all the process, there is a stand by unit and there will be no permutation process and only chemical process will be there. The committee asked the proponent to submit detail names of the raw material instead of coded name since without correct name it is not possible to evaluate properly. The proponent has to clarify regarding not using pyrofloric chemicals as raw materials and it has been suggested to use palladium carbon in place of pyrofloric chemicals if it is being used. The mass balance is wrong and it should be reworked. Risk analysis is not done for process and it is done for solvents only, which is not correct. Rainfall data is not collected while doing hydrological study. Also, in weather input, it was mentioned that during day time the wind is blowing from West to East, whereas, during night, from East to West, which needs to be clarified.

The committee after discussion had decided to visit the site on 21st of May 2016 to ascertain the ground reality and recall the proponent after the submission of the following information.

1. Baseline data with respect to citing guide lines to be included in EIA report.
2. Mass balance to be rewritten.
3. Revised risk assessment studies.
4. Reassess, considering the critical processes which are highly hazardous.
5. Storing of solvents in mounded storage tanks.
6. Realignment of site in case, if there is any highly hazardous process is involved, which will affect the nearby habitat (Kalavar village).
7. Revised soil analysis report and SEZ regulations regarding green belt area.

Accordingly the sub-committee has visited the sites on 21.05.2016 along with the Scientific Officer, Ecology and Environment Department and submitted the site inspection report. The committee perused the report and accepted the same. Following is the site inspection report:

Members visited;

1. Sri N Naganna Chairman
2. Prof. D L Manjunath Member

3. Dr. S Manjappa Member
4. Sri H Srinivasaiah Member
5. Dr B Manoj Kumar Member
6. Dr K C Jayaramu Member

Officials present:

1. Sri B S Chandrashekar Scientific Officer Gr.1
2. Sri Puranik Environmental Officer, PCB, Mangaluru
3. Sri Lakshmikanth Assistant Environmental Officer, PCB, Mangaluru

Proponent and his representatives

1. Sri Viswajeet AGM-EHS representing Syngene International Pvt. Limited.
2. Dr Moses, E I A Consultant
3. ETA. Sreenivasulu General Manager, Mangaluru SEZ Limited.

File under consideration;

Proposed New Active Pharmaceutical Ingredients (API's) and Non API Manufacturing Unit at Sy. No's 5/7 (P), 58A/(P), 5/8B, 5/8C(P), 5/10(P), 6/1(P), 6/3(P), 7/1(P), 7/2, 7/3(P), 81C(P), 10/1, 10/2, 10/3, 10/4A(P), 10/5, 10/6, 10/7(P), 10/8, 10/9, 10/10A(P), 10/11(P), 10/12(P), 10/13(P), 11/1(P), 11/2(P), 11/3, 11/4, 11/5, 11/6, 11/9, 11/10, 12/5(P), 12/6(P), 12/11(P), 12/12(P), 13/1, 13/2(P), 13/3, 13/4, 13/5, 13/6, 14/4(P), 14/5(P), 14/6(P), 14/7(P), 14/8, 14/9, 15/2D(P), 15/2E, 17/8(P), 17/3(P), 17/22(P), 17/23(P), 17/25(P), 98/1(P), 98/2(P), 99/1(P), 99/2(P), 100(P) of Kalavar Village, Mangalore Taluk, Dakshina Kannada District of M/s Syngene International Private Limited, BioconPark,Plot no-2&3,Bommasandra,IV Jigani Link road, Bangalore. (SEIAA 27 IND 2015)

The above file under consideration was listed for appraisal in the 164th meeting dated 11th and 12th May 2016. After the presentation, the Committee expressed their apprehension about the siting of the industry considering the nature of the process and the kinds of permits given to the surrounding the industries. Further more the presentation made was not reflecting the full picture of the site, process, hazards, mitigation measures and other environmental considerations. Consequent to this the members felt the need for a site visit to understand the ground reality and to obtain the first hand information before the project is appraised for consideration of SEIAA. Hence this visit

The committee members noted supra visited the site on 21-05-2016. Before visiting the site, the committee held a meeting in the conference room of MSEZ Mangaluru with the officials of MSEZL along with the representatives of the industry, EIA consultant from the proponent side and officials of KSPCB located at Mangaluru. During the course of discussion the EO, KSPCB informed the committee that, M/s Syngene International Private Limited, had applied establishing a R&D Laboratory related to pharmaceutical Industry in the site under discussion. The KSPCB Official informed the committee that the proposed site is not

advisable to establish a large pharmaceutical industry in the proposed site in view of human habitation in the vicinity of the site.

PLACES VISITED

All the members present along with the officials as noted visited the site under consideration and conducted a detailed site inspection.

1. Site under consideration surrounded by Kalavar and Jokatte villages; and R & R Colony (Shanthi gudda) formed by MSEZ.
2. The MSEZ service areas, infrastructure facilities, the tertiary treated sewage storage unit, area development and finally measures taken for maintenance of sustainable environment.
3. The CETP under construction.

OBSERVATIONS:

1. The site is located towards the West and South –West directions of the above mentioned villages in the MSEZ area.
2. The above villages are having considerable human habitation with several civic amenities such as schools, market and religious places. These villages are located on the ridge side of the site.
3. According to available meteorological data for the site the predominant wind is in the S-W to N-E and visa- versa, thereby these human habitations lye on the predominant wind direction
4. The MPRL flare tower was under fire. Emission from the tower was towards the proposed site of Syngene Industry and beyond towards the above habitation indicating the predominant wind direction. Traces of Hydrocarbon odour could be felt in the site.
5. The MSEZ is developing a green cover in the buffer zone, the hillock on the East, South-East and South side by forming terraces and stabilizing with Geo-Synthetics
6. The height of the hillock under discussion is about 30 mts.
7. The storm water management undertaken and effected by MSEZ is appreciable; so also the green cover concept and environmental management
8. After visiting the site the committee felt that the EIA report submitted for appraisal was not indicating the ground realities with respect to environmental settings of the site.

RECOMMENDATIONS:

After having held detailed discussions with the officials of MSEZ, KSPCB, the proponents, having received some valuable inputs and for having gathered relevant information the committee members are of the opinion that the following additional information is essential for its scientific assessment and appraisal before the decision could be arrived by SEAC.

1. Windrose diagrams of the area for each month of the year should be drawn and superimposed on the site map to ascertain the impact of the emissions of the process activity on the nearby villages.
2. Scientific Hazard identification, assessment of severity of the Industry on the surrounding environment, impact assessment on the human habitation which must necessarily include fire and explosions, toxic releases, chemical poisoning or/ and combination of these including process emissions taking into considerations of mass balance of chemicals/solvents used.
3. Re-evaluation of the products manufactured, intermediates produced, the chemical substances used, the method of storage/ handling/ transportation of chemicals, elimination of some of the highly hazardous chemicals/processes to minimize the severity to contain the damage and consequential impact on the environment including the habitation.
4. Redesign the plant layout by shifting critically vulnerable units to appropriate locations in the site by taking into account predominant wind directions to eliminate / minimize expected odour problem in the nearby human habitats.
5. A detailed contour map of the site including the nearby hillock and villages has to be submitted
6. If the siting of the Industry is not suitable in spite of the above considerations/ studies, an alternate site in the MSEZ may be evaluated and selected for the proposed project.

Meeting ended with thanks to the Chair.

Secretary, SEAC
Karnataka

Chairman, SEAC
Karnataka