

**MINUTES OF THE 71st MEETING OF
STATE EXPERT APPRAISAL COMMITTEE,
(SEAC), TELANGANA STATE
HELD ON 17.06.2020, 10:30 A.M.**

Minutes of the SEAC Meeting held on 17.06.2020

MINUTES OF THE 71st MEETING OF STATE EXPERT APPRISAL COMMITTEE (SEAC) HELD ON 17.06.2020 AT TSPCB, PARYAVARAN BHAVAN, A-3, I.E., SANATHNAGAR, HYDERABAD.

The following members were present:

S. No.	Name of the Expert	Position
1.	Prof.Ch.Krishna Reddy, H.No: 2-2-20/L/7, #401. Golden towers – II, Raja Rajeshwari BLPG, D.D. Colony, Hyderabad. Ph: 9866629265	Chairman.
2.	Dr.(Ms)Thatiparthi Vijayalakshmi Plot No.110, Siddartha Nagar, S.R. Nagar Post, Hyderabad-500038. Ph: 9440896661	Member
3.	Shri Ravindra Samaya Mantri H.No: 3-5-44/1, Flat No. 301, Areadia Apartments, Edengaden Road, Hyderabad- 500001. Ph:9491145160	Member
4.	Shri Suresh, B-106, Vertex prime, Nizampet Road, Kukatpalli, Hyderabad. Ph: 9177037785	Member
5.	Dr.Vemula Vinod Goud, H.No. 6-156, Sridurga Estates, Deepthisri Nagar, Madinaguda, Hyderabad-500049. Ph:9440386945	Member
6.	Dr.K.Shivakumar, Plot No. 328, Flat No: 302, Mehar Ninan, KPHB 6 th phase, Kukatpally, Hyderabad-500072 Ph: 9951701067	Member
7.	Prof.B.Reddya Naik, Department of Zoology, University College of Science, Osmania University, Hyderabad-500007. Ph: 9290491044	Member

After general introductory remarks by the Chairman, SEAC, the Committee took up items agenda-wise. The decisions of the SEAC on each case are recorded below.

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DECLARATION

It is hereby declared that the Chairman and members of SEAC, T.S., do not have conflict of interest with any project proponent pertaining to the items discussed in the SEAC meeting held on 17.06.2020.

S. No.	Name of the Expert	Signature
1.	Prof.Ch.Krishna Reddy	Sd/-
2.	Dr.(Ms)Thatiparthi Vijayalakshmi	Sd/-
3.	Shri Ravindra Samaya Mantri	Sd/-
4.	Shri Suresh	Sd/-
5.	Dr.Vemula Vinod Goud	Sd/-
6.	Dr.K.Shivakumar,	Sd/-
7.	Prof.B.Reddya Naik	Sd/-

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Agenda Item No. 01	Proposed Residential Development of M/s. Ramky Estates and Farms Limited, Survey No. 148 (P) and 149 (P), Quthbullapur Village and Mandal, Medchal - Malkajgiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/149292/2020 (EC)

The representative of the project proponent Sri Bhaskar; and Dr. B. Chakradhar of M/s. Ramky Enviro Services Private Limited, Hyderabad, attended and made a presentation before the SEAC.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Ground coverage area	7826.00	53.37%
2	Road Area	1304.54	8.90%
3	Green Area	2114.00	14.42%
4	Open Area including Totlot	3420.21	23.32%
	Total Area	14664.75	100%

It was informed that the total built up area of the project is 62,293.0 Sq.m. The project consists of Residential Apartments with 3 Residential Towers -1, 2 & 3 (2B + G + 7 Floors) to accommodate a total no. of 352 units; and a Club House (2B + G + 3 Floors).

It is also noted that Parking area to be provided 19,448.0 Sq.m., (45.39%) in Basements to park about 437 four wheelers and 238 two wheelers. It was informed that D.G. Sets of capacity 1 x 320 kVA & 1 x 400 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 262.0 KLD. Out of that, fresh water requirement is 170.0 KLD & recycled treated waste water is 92.0 KLD. Quantity of sewage generated is 231.0 KLD. It is proposed to treat the sewage in STP of capacity 280.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (386 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 99.75 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 100.0 Lakhs and recurring cost: Rs. 13.02 lakhs/annum.

As per topo map a water body / tank exists adjacent to site. But, as per google map there is no water body in that area. In this regard, the proponent informed that the tank was encroached by others and presently there is no water body adjacent to their site.

In view of the above and after detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site, verify records and submit report on present status of the project, existence of water body adjacent to site & requirement of NOC from I&CAD Department, adequacy of EMP measures proposed, impacts of the project on the surrounding environment, etc.,

Members of Sub-Committee:

1. Venkateshwar
2. Panasa Reddy.

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Agenda Item No. 02	M/s. Phoenix Global Spaces Pvt. Ltd., Sy. No.272/1, 273, Puppalguda Village, Gandipet Mandal, Rangareddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/157401/2020 (EC)

The representative of the project proponent Sri D. Sudarshan; and Sri Maheshwar Reddy of M/s. Pioneer Enviro Laboratories & Consultants Pvt., Ltd., Hyderabad, attended and made a presentation before the SEAC.

The SEAC noted that the proponent prepared the EIA Report as per the standard TORs issued by the MoEF&CC, GoI, and uploaded the EIA report online. The SEAC noted the contents of the EIA report including the Risk Assessment report & Disaster Management Plan.

The project is proposed within 10 km radius of Himayat Sagar and Osman Sagar Lakes. But, Puppalguda (V) is not included in the list of 84 villages in the 10km catchment of above lakes as mentioned in the G.O.Ms. No: 111, MA, dt. 08.03.1996.

During presentation, the proponent informed that they have obtained NOC dt. 29.06.2020 for height clearance from Airports Authority of India w.r.t. the proposed project and submitted a copy of the same. It is observed from the NOC that the site elevation is 543.6 mts AMSL and the permissible top elevation is restricted to 783.09 mts AMSL. The SEAC noted that the height of the building is within the permissible top elevation restricted by the AAI.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Plinth Area	12814.72	32.61%
2	Road Area	6419.85	16.34%
3	Greenbelt Area	4502.15	11.46%
4	Green Area on Podium	14812.83	37.69%
5	Services	749.33	1.91%
	Total Area	39298.9	100%
6	Road Widening	3192.77	
	Total Area	42491.65	

It was informed that the total built up area of the project is 6,15,358.45 Sq.m. The project consists of Commercial Office Complex with 3 Towers- 1, 2 & 3 (6 Basements + Ground Floor with Mezzanine + 30 Upper Floors).

It is also noted that Parking area to be provided 1,95,624.41 Sq.m., (46.6%) in Basements to park about 4000 four wheelers and 2000 two wheelers. It was informed that D.G. Sets of capacity 25 x 2500 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 3118 KLD. Out of that, fresh water requirement is 1732 KLD & recycled treated waste water is 1386 KLD. Quantity of sewage generated is 2772 KLD. It is proposed to treat the sewage in STP of capacity 2800 KLD. The treated waste water will be used for: flushing the toilets, HVAC and development of greenery.

It was also informed that the Garbage (10,400 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge (277.1 kg/day) will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 1100 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 1120.27 Lakhs and recurring cost: Rs. 374.53 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

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Agenda Item No. 03	M/s. Haritha Bio-Products India Private Limited., Sy.Nos. 1130, 1131 (P), 1132, 1133 & 1134 (P) of Parlapally Village, Thimmapur Mandal, Karimnagar District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/146456/2020 (MODI-TOR)

The representative of the project proponent Sri K.S.N. Reddy; and Sri Maheshwar Reddy & Sri Santosh Kumar of M/s. Pioneer Enviro Laboratories & Consultants Pvt., Ltd., Hyderabad, attended and made a presentation before the SEAC.

During presentation, the proponent informed the following:

- The MOEF&CC, GoI, has accorded Environmental Clearance vide order dt.16.11.2009 for 60 KLPD Grain based distillery and 2.0 MW captive power plant.
- They are operating 60 KLPD Distillery plant and 2 MW Power plant from July, 2011 and having latest CFO vide order dt. 25.04.2019 valid upto 31.03.2022.
- They have submitted online proposal on 16.12.2019 for proposed expansion of grain based distillery plant from 60 KLPD to 90 KLPD by doing process modifications and Distillation columns modifications.
The SEIAA has issued Standard Terms of Reference vide order dt. 04.02.2020 for the proposed expansion plant.
- Later they have observed that the Standard TOR order was issued with Conduct of Public hearing for the proposed expansion proposal. Hence, they have submitted request for amendment to TOR for exemption of Public hearing for the expansion proposal.
- The proponent also informed the following due to proposed expansion:
 - No additional land is envisaged for the proposed capacity enhancement.
 - No additional water requirement is envisaged for expansion proposal.
 - No additional wastewater generation from the expansion proposal.
 - Existing ETP system for Distillery are adequate for expansion also.
- Further, Public Hearing has been conducted on 18/08/2009 as per the provisions of EIA Notification, 2006 and its amendments there of.
- It was requested to issue amendment to TOR duly exempting the project from Public Hearing, as the present proposal is for expansion and is proposed to enhance the Distillery plant capacity from 60 KLPD to 90 KLPD by doing process modifications and Distillation columns modifications.

The SEAC noted that the public hearing for the existing project was held on 18.08.2009 as per EIA Notification, 2006 & its subsequent amendments. Hence, the SEAC examined the request of the proponent in accordance with provisions laid under para 7(ii) of the EIA Notification and decided to issue Amendment to TOR duly exempting Public Hearing for the proposed expansion, after inspection by the Sub-Committee.

After detailed discussions, the SEAC decided to constitute a sub-committee with the following members to inspect the unit and submit report on present status of the project, existing environmental measures being practiced, adequacy of proposed EMP measures, impacts of the proposed expansion on the surrounding environment, etc.,

Members of Sub-Committee:

1. K. Sivakumar,
2. Ch. Krishna Reddy.

Agenda Item No. 04	Residential Aparments Project by M/s. Gothic Living Spaces, Sy.No. 35/part, Bachupally Village, Bachupally Mandal, Medchal - Malkajgiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/143820/2020 (EC)

The representative of the project proponent Sri T.G. Rama Rao; and Sri Desi Sreekanth of M/s. Sri Sai Manasa Nature Tech Pvt. Ltd. Hyderabad, attended and made a presentation before the SEAC.


CHAIRMAN, SEAC

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It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Ground coverage area	6469.94	38.28%
2	Road Area	6207.50	36.73%
3	Green Area	1743.00	10.31%
4	Open Area	2482.20	14.69%
	Total Area	16902.64	100%

It was informed that the total built up area of the project is 1,06,997.2 Sq.m. The project consists of Residential Apartments with 5 Residential Blocks A, B, C, D & E (2C + S + 12 Floors) to accommodate a total no. of 444 units.

It is also noted that Parking area to be provided 35,532.43 Sq.m., (49.7 %) in Stilt & Cellars to park about 1015 four wheelers and 400 two wheelers. It was informed that D.G. Sets of capacity 1 x 180 kVA, 1x 250 kVA & 1 x 400 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 358.0 KLD. Out of that, fresh water requirement is 230.0 KLD & recycled treated waste water is 128.0 KLD. Quantity of sewage generated is 287.0 KLD. It is proposed to treat the sewage in STP of capacity 350.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (705 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 120.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 120.0 Lakhs and recurring cost: Rs. 20.0 lakhs/annum

After detailed discussions, the SEAC recommended for issue of EC.

Agenda Item No. 05	M/s. Hariox Therapeutics Private Ltd., Sy.No. 117 A,119 A/2,116 AA/1 Kamaram Village, Shankarampet (R) Mandal, Medak District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/152159/2020 (EC)

The representative of the project proponent Sri B. Satyanarana; and Sri Vipin Kumar of M/s. Mantras Green Resources Limited, Nasik, attended before the SEAC. But, it was informed that Sri Vipin Kumar is not accredited to present before SEAC for sector of Synthetic organic chemicals. In this regard, it was informed that their EIA coordinator is unavailable as he could not come to Hyderabad from Nasik.

In view of the above, the SEAC decided to defer the project and inform the proponent to submit a letter stating willingness to consider their proposal in the SEAC meeting to attend the meeting along with their sector specific EIA coordinator.

Agenda Item No. 06	M/s. Meera Shantivanam Private Limited, Survey No. 112/126 (p), 112/127(p), 112/128 (p), 112/129(p), 112/132(p) and 112/134 (p), Chegur Village, Nandigama Mandal, Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/150489/2020 (EC)

The representative of the project proponent Sri I. Siva Kumar; and Sri Vipin Kumar of M/s. Mantras Green Resources Limited, Nasik, attended and made a presentation before the SEAC.

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It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Plinth Area	14109.05	35.41%
2	Road Area	11893.70	29.85%
3	Green Area	4781.80	12.00%
4	Open Area	6685.24	16.78%
5	Surface parking area	2378.60	5.97%
	Total Area	39848.4	100%

It was informed that the total built up area of the project is 70,205.96 Sq.m. The project consists of Residential Apartments with 14 Blocks (S + 5 Floors) i.e., Blocks A, B, C1 to C10, D & E to accommodate a total no. of 560 units; and Club House (Ground + 1 Floor).

It is also noted that Parking area to be provided 13,482.35 Sq.m., (23.7%) in Stilt and earmarked surface parking area to park about 525 four wheelers and 100 two wheelers. It was informed that D.G. Sets of capacity 6 x 250 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 372.0 KLD. Out of that, fresh water requirement is 247.0 KLD & recycled treated waste water is 125.0 KLD. Quantity of sewage generated is 298.0 KLD. It is proposed to treat the sewage in STP of capacity 400.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (1405 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 100.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 480.0 Lakhs and recurring cost: Rs. 50.0 lakhs/annum.

During presentation it is observed from the topo map that the proposed site is located adjacent to Bund of Rai Kunta. In this regard, the proponent submitted a copy of Joint inspection report dt.07.02.2019 of RDO, Shadnagar and EE, IB Division, Hyderabad. In the report, it was reported as following:

- There is a minor irrigation sources named "Rai Kunta" in Chegur(V), Nandigama(M), in Sy.No.112/124, 112/125, 112/126, 46 & 47 having and extent of Ac. 9.13 Gts.
- The tank, "Rai Kunta" in Cheguru (V), Nandigama(M) are having an ayacut of extent 22.0 acres. The total patta shikam area of both tanks was filled with silt and the sources became abandoned till the recent past. After the purchase of the alnd by meera Shantivanam, they are developing the land for the members of Sahaj Marg Spirituality Foundation, C/o Shri Ram Chandra Mission. Further, the foundation is developing the tank beds (Shikam patta) duly removing the filled up silt and deepening the tank bed land and expanding the tank bed area to cover more FTL duly strengthening the tank bund. No destruction to the natural water storage area and FTL area is noticed. No activity of damaging the canal through which natural flow of water is affected is taken up.
- In view of the above, it is recommended for issuing of No Objection Certificate.

In view of the above and after detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site, verify records and submit report on present status of the project, impacts of the project on nearest water body, adequacy of proposed EMP measures, status of NOC by the I&CAD Dept., etc.,

Members of Sub-Committee:

1. *Vijaya Lakshmi S. Mantri*
2. *Surabh*

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Agenda Item No. 07	M/s. Elite Developers & Others, Sy. No. 66 at Wadakpally Village, Ameenpur Mandal, Sanga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/147826/2020 (EC)

The representative of the project proponent M.Kusuma Kanthi; and Sri Vipin Kumar of M/s. Mantras Green Resources Limited, Nasik, attended and made a presentation before the SEAC.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Plinth Area	2612.06	30.62%
2	Road Area	2098.05	24.59%
3	Green Area	975.02	11.43%
4	Totlot Area	1326.35	15.55%
5	Open area / Others	1519.36	17.81%
	Total Area	8530.8	100%
6	Road Widening	877.53	
	Total Area	9408.37	

It was informed that the total built up area of the project is 44,798.27 Sq.m. The project consists of Residential Apartments with 2 Blocks A & B (2C + S + 12 Floors) to accommodate a total no. of 216 units; and Amenities Block (G + 4 Floors).

It is also noted that Parking area to be provided 14,193.83 Sq.m., (46.38%) in Stilt & Cellars to park about 400 four wheelers and 100 two wheelers. It was informed that D.G. Sets of capacity 2 x 250 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 169.0 KLD. Out of that, fresh water requirement is 112.0 KLD & recycled treated waste water is 57.0 KLD. Quantity of sewage generated is 135.0 KLD. It is proposed to treat the sewage in STP of capacity 200.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (640 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 70.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 180.0 Lakhs during and recurring cost: Rs.100.0 lakhs/annum.

During presentation it is observed from the topo map that a water body exists near the site. In this regard, the proponent submitted a copy of lr.dt. 01.06.2020 and a copy of Joint inspection report which was not signed by the DEE, IB Division, Patancheru.

In view of the above and after detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site, verify records and submit report on present status of the project, impacts of the project on nearest water body, adequacy of proposed EMP measures, status of NOC by the I&CAD Dept., etc.,

Members of Sub-Committee:

1. *Vinod goud.*
2. *Sivakumar.*

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Agenda Item No. 08	"Candeur 40" M/s. Adala Murali Krishna Reddy, Sy No. 206/A, Miyapur Village, Serilingampally Mandal, Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/51451/2019 (EC)

The representative of the project proponent Sri P. Satya Murthy; and Sri Vipin Kumar of M/s. Mantras Green Resources Limited, Nasik, attended and made a presentation before the SEAC.

The SEAC noted that the proponent prepared the EIA Report as per the standard TORs issued by the MoEF&CC, GoI, and uploaded the EIA report online. The SEAC noted the contents of the EIA report including the Risk Assessment report & Disaster Management Plan.

During presentation, the proponent informed that they have obtained NOC dt. 26.06.2019 for height clearance from Airports Authority of India w.r.t. the proposed project and submitted a copy of the same. It is observed from the NOC that the site elevation is 584.5 mts AMSL and the permissible top elevation is restricted to 784.5 mts AMSL. The SEAC noted that the height of the building is within the permissible top elevation restricted by the AAI.

During presentation, the SEAC observed from the google map and photographs that few trees are existing in the proposed site and informed the proponent to relocate the trees to the boundaries. In this regard, the proponent agreed to relocate the trees to the boundaries within their premises.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Ground coverage area	3,472.19	19.31%
2	Road Area	2,997.36	16.67%
3	Green Area	2,188.45	12.17%
4	Open Area	9,318.82	51.84%
	Net Site Area	17976.82	100%
5	Road Widening	793.77	
	Total Area	18770.59	

It was informed that the total built up area of the project is 1,63,681.97 Sq.m. The project consists of Residential Apartments with 3 Towers (3B + G + 39 Floors) to accommodate a total no. of 960 units; and Amenities Block (G + 5 Floors).

It is also noted that Parking area to be provided 42,142.44 Sq.m., (34.67%) in Basements to park about 963 four wheelers and 722 two wheelers. It was informed that D.G. Sets of capacity 4 x 250 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 673.0 KLD. Out of that, fresh water requirement is 449.0 KLD & recycled treated waste water is 224.0 KLD. Quantity of sewage generated is 538.0 KLD. It is proposed to treat the sewage in STP of capacity 650.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (2530 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 175.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 175.0 Lakhs and recurring cost: Rs. 17.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

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Agenda Item No. 09	Construction of Proposed IT Building By M/s. Vamsiram Estates LLP, Survey No.129/11 (Old) & (New No. 150), TS No. 6, Block – B, Ward No. 10, Shaikpet, Hyderabad - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/150908/2020 (EC)

The representative of the project proponent Sri V. Sri Hari; and Smt. T.Srilatha of M/s. Pridhvi Envirotech (P) Ltd., Hyderabad, attended and made a presentation before the SEAC.

During presentation, the proponent informed that earlier Smt. N.Devika Rani obtained Ec vide order dt. 25.10.2013 for construction of Residential & Commercial Building with a total built-up area of 53,815 Sq.m. in a plot area of 8084 Sq.m. The earlier proponent has carried out only excavation activities, but not initiated construction of the project and presently the validity of the EC is about to be completed. Subsequently, M/s. Vamsiram Estates LLP had acquired the site and also acquired addition land adjacent to the site. Due to change in the management, the proponent has modified the proposal and requested to issue fresh EC.

The SEAC noted the request of the proponent and considered the new modified proposal for fresh EC.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Ground coverage area	4,905.94	54.97%
2	Road Area	2,153.87	24.13%
3	Green Area	924.54	10.36%
4	Open Area	940.47	10.54%
	Net Site Area	8924.82	100%
5	Road Widening	495.0	
	Total Area	9419.82	

It was informed that the total built up area of the project is 70,692.18 Sq.m. The project consists of IT Building with (4C + G + 8 Floors).

It is also noted that Parking area to be provided 22,232.76 Sq.m., (80%) in Cellars with Stack parking in Cellars 1 & 2 to park about 812 four wheelers and 312 two wheelers. It was informed that D.G. Sets of capacity 3 x 1500 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 203.0 KLD. Out of that, fresh water requirement is 142.0 KLD & recycled treated waste water is 61.0 KLD. Quantity of sewage generated is 175.0 KLD. It is proposed to treat the sewage in STP of capacity 210.0 KLD. The treated waste water will be used for: flushing the toilets, HVAC and development of greenery.

It was also informed that the Garbage (1156.0 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge (8.0 kg/day) will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 65.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 72.0 Lakhs, recurring cost: Rs. 15.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

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Agenda Item No. 10	M/s. P. Vasudeva Reddy and Others by M/s. GAR Corporation Pvt Ltd, Sy.No.18/P, 19 & 20, Kokapet (V), Gandipet (M), Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/52782/2020 (EC)

The representative of the project proponent Sri D. Partshasaradhi Rao; and Smt. Lochana & Sri. P.V.Raju of M/s. Pridhvi Envirotech (P) Ltd., Hyderabad, attended and made a presentation before the SEAC.

The project is proposed within 10 km radius of Himayat Sagar and Osman Sagar Lakes. But, **Kokapet (V)** is not included in the list of 84 villages in the 10km catchment of above lakes as mentioned in the G.O.Ms. No: 111, MA, dt. 08.03.1996.

The SEAC noted that the proponent prepared the EIA Report as per the standard TORs issued by the MoEF&CC, GoI, and uploaded the EIA report online. The SEAC noted the contents of the EIA report including the Risk Assessment report & Disaster Management Plan.

During presentation, the proponent informed that they have obtained NOC dt. 30.05.2019 for height clearance from Airports Authority of India w.r.t. the proposed project and submitted a copy of the same. It is observed from the NOC that the site elevation is 531.6 mts AMSL and the permissible top elevation is restricted to 781.6 mts AMSL. The SEAC noted that the height of the building is within the permissible top elevation restricted by the AAI.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Ground coverage area	10121.80	40.88%
2	Set Backs, Roads & Vacant Area	10941.14	44.19%
3	Green Area	3694.52	14.92%
	Net Site Area	24757.46	100%
4	Road Widening	1860.99	
	Total Area	26618.45	

It was informed that the total built up area of the project is 4,59,920.82 Sq.m. The project consists of IT Office Building with (5B (Mechanical Parking) + 5S + G + 27 Floors).

It is also noted that Parking area to be provided 1,49,832.53 Sq.m., (48.32%) in Stilts & Basements (Mechanical parking) to park about 4654 four wheelers and 4800 two wheelers. It was informed that D.G. Sets of capacity 11 x 2250 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 1134.0 KLD. Out of that, fresh water requirement is 678.0 KLD & recycled treated waste water is 456.0 KLD. Quantity of sewage generated is 910.0 KLD. It is proposed to treat the sewage in STP of capacity 1100.0 KLD. The treated waste water will be used for: flushing the toilets, HVAC and development of greenery.

It was also informed that the Garbage (6352.0 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge (30.0 kg/day) will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 595.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 6.0 Crores, recurring cost: Rs. 80.0 lakhs/annum.

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During presentation, the SEAC observed traces of feeder channel in the site from the google map. Hence, after detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site, verify records and submit report on present status of the project, existence of feeder channel, impacts of the project on it & status of NOC by the I&CAD Dept., if applicable, adequacy of parking area as per G.O.Ms. No.168, adequacy of proposed EMP measures, etc.,

Members of Sub-Committee:

1. *Vijaya Laxmi*
2. *Krishna Reddy*

Agenda Item No. 11	Sri. Mohd. Saad Asraf & Sri. Abdul Rasheed, Sy.No 358, 359, Pangra (V), Nizambad District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/154300/2020 (EC)

The representative of the project proponent Sri Ashwin Reddy; and Smt. Lochana & Sri P.V.Raju of M/s. Pridhvi Envirotech (P) Ltd., Hyderabad, attended and made a presentation before the SEAC.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Plinth Area	6163.23	45.88%
2	Road Area	3207.02	23.87%
3	Green Area	1368.43	10.19%
4	Open Area	974.64	7.26%
5	Totlot area	1720.47	12.81%
	Net Site Area	13433.8	100%
6	Road Widening	189.89	
	Total Area	13623.68	

It was informed that the total built up area of the project is 38,129.04 Sq.m. The project consists of Residential Complex with Blocks A,B,C&D (S + 5 Upper Floors) to accommodate a total no. of 250 units; and Amenities Block (S + 4 Upper Floors).

It is also noted that Parking area to be provided 7383.02 Sq.m., (24.01%) in Stilts to park about 250 four wheelers and adequate no. of two wheelers. It was informed that D.G. Sets of capacity 4 x 30 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is Borewell. The total water requirement during occupational stage is 174.0 KLD. Out of that, fresh water requirement is 121.5 KLD & recycled treated waste water is 52.5 KLD. Quantity of sewage generated is 140.0 KLD. It is proposed to treat the sewage in STP of capacity 170.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (672.0 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge (10.0 kg/day) will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 30.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 40.0 Lakhs; and recurring cost: Rs. 2.50 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

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Agenda Item No. 12	Proposed Residential Complex By M/s. Spectra India Mega Projects Pvt Ltd., Sy. No. 6, 6/A, 6/E situated at Injapur Village, Abdullapurmet Mandal, Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/150746/2020 (EC)

The representative of the project proponent Sri K. Naga Raju; and Smt. T.Srilatha of M/s. Pridhvi Envirotech (P) Ltd., Hyderabad, attended and made a presentation before the SEAC.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Plinth Area	8490.62	30.16%
2	Road Area	5354.55	19.02%
3	Green Area	2904.99	10.32%
4	Open Area	3650.01	12.97%
5	Future Expansion	7747.46	27.52%
	Net Site Area	28147.6	100%
6	Road Widening	659.63	
7	Nala Area including buffer zone	613.96	
8	Peripheral 12.0 M wide road	1425.96	
	Total Area	30847.2	

It was informed that the total plot area as per document is 31,539.92 Sq.m., but, the area physically available at site is only 30,847.19 Sq.m. The total built up area of the project is 82,568.07 Sq.m. The project consists of Residential Apartments with 5 Blocks A,B,C,D & E (C + S + 9 Floors) to accommodate a total no. of 513 units; and Amenities Block (C + G + 4 Floors).

It is also noted that Parking area to be provided 21,319.02 Sq.m., (34.81%) in Stilt & Cellar to park about 558 four wheelers and 419 two wheelers. It was informed that D.G. Sets of capacity 1 x 1500 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 353.0 KLD. Out of that, fresh water requirement is 247.0 KLD & recycled treated waste water is 106.0 KLD. Quantity of sewage generated is 304.0 KLD. It is proposed to treat the sewage in STP of capacity 365.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (1307.0 kg/day) generated will be sent to Municipal Solid Waste disposal site; STP sludge (10.0 kg/day) will be used as manure; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 110.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 115.0 Lakhs, recurring cost: Rs. 20.0 lakhs/annum.

During presentation, the SEAC observed that a Nala flows across the site. Hence, after detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site, verify records and submit report on present status of the project, existence of Nala in the site, impacts of the project on Nala, status of NOC by the I&CAD Dept., adequacy of proposed EMP measures, impacts of the project on the surrounding environment, etc.,

Members of Sub-Committee:

1. Mantri
2. Suresh

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Agenda Item No. 13	M/s. GAR Corporation Private Limited, Sy.No 107, Kokapet (V), Rajendranagar Mandal, Ranga Reddy District – Amendment to Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/153774/2020 (MODI-EC)

The representative of the project proponent Sri D. Partshasaradhi Rao; and Smt. Lochana of M/s. Pridhvi Envirotech (P) Ltd., Hyderabad, attended and made a presentation before the SEAC.

The SEAC noted that earlier EC with several amendments were issued to the project. The details are as following:

- M/s. GAR Corporation Private Limited, proposed to develop a commercial office building and obtained EC vide Order dt. 03.11.2015 for their proposed project with a total built up area of 2,54,508.67 Sq.m.
- As there are few changes from the original plan they also obtained the amendments of previous EC for a total built up area of 2, 80,390.30 Sq.m. vide Order dt. 30.10.2017.
- Again, as there are few changes in respect of water requirement, waste water generation, STP capacity, solid waste generation and DG sets, they obtained the second amendment for previous EC from vide Order dt. 08.03.2018.

Now, M/s. GAR Corporation Private Limited proposed to add the TDR floor on existing building. As there is change in number of Floors from the original plan, they requested to issue amendment of previous EC in regards of built-up area, water consumption, waste water generation and solid waste. Following changes are proposed from the previously approved EC:

S.NO	DESCRIPTION	PREVIOUS	PROPOSED
1	Name Change in the EC copy	M/s. Gar Corporation Private Limited	No Change
2	Total plot area	22,175.5 Sq.mts	No Change
3	Total Built up area including parking	2,80,390.30 Sq.m.	2,87,340.90 Sq.m. (Increased)
a)	Commercial Area	1,57,501.66 Sq.mts	1,64,452.26 Sq.mts (Increased)
b)	Parking	1,22,888.64 Sq.mts	No change
4.	Green Belt area	2,229.2 Sq.mts	No change
5.	Number of Floors	3B+G+15 Floors	3B+G+15+TDR Floor say as 3B+G+16 Floors
6.	No. of employees to be accommodated	12,600 People	18,070 People
7.	Cost of the project	426 Crores	427 Crores
8.	Total water consumption	1177 KLD Fresh Water – 400 KLD Recycled water – 777 KLD	1202 KLD Fresh Water – 400 KLD Recycled water – 777 KLD
9.	Waste water generation	810 KLD	832 KLD
10.	STP Capacity	1140 KLD	1140 KLD
11.	Solid waste generation	2535 kg/day	3636.5 kg/day
12.	DG Sets	10 x 2000 kVA	No change
13.	EMP Budget	Capital Cost: Rs. 4.26 crores Recurring cost: Rs. 125 lakhs	Capital Cost: Rs. 4.27 crores Recurring cost: Rs. 126 lakhs

It was informed that the total water requirement increased due to revised occupancy. It was also informed the total waste water generated from the revised occupancy will be around 832 KLD considering 20% buffer, only STP of 1000 KLD capacity is required. However, 1140 KLD capacity STP was already proposed which will be adequate to treat the proposed waste water generation. It was also informed that part of the project is occupied and construction is still going on in the remaining part of the project. Hence, it was requested to issue amendment to EC.

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The SEAC considered the request of the proponent and after detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site, verify records and submit report on present status of the project, EMP measures being implemented, adequacy of proposed EMP measures proposed, impacts of the project on the surrounding environment, etc.,

Members of Sub-Committee:

1. Vijaya Laxmi
2. Krishna Reddy.

Agenda Item No. 14	M/s. GAR Corporation Private Limited, Sy.No 89, Kokapet (V), Rajendranagar Mandal, RangaReddy District – Amendment to Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/154701/2020 (MODI-EC)

The representative of the project proponent Sri D. Partshasaradhi Rao; and Smt. Lochana & Sri P.V.Raju of M/s. Pridhvi Envirotech (P) Ltd., Hyderabad, attended and made a presentation before the SEAC.

The SEAC noted that earlier EC the SEIAA issued EC to the project on 18.05.2017 & also issued amendment to EC vide order dt. 08.11.2019.

Now, M/s. GAR Corporation Private Limited proposed changes in number of Floors from the original plan, and requested to issue amendment of previous EC in regards of built-up area, water consumption, waste water generation and solid waste. Following changes are proposed from the previously approved EC:

S.NO	DESCRIPTION	PREVIOUS	PROPOSED
1	Total net plot area	23,478.64 Sq.mts	No Change
2	Total Built up area including parking	3,45,915.03 Sq.m.	3,46,892.63 Sq.m. (Increased)
a)	Commercial Area	2,76,662.80 Sq.mts	2,86,405.03 Sq.mts (Increased)
b)	Parking	69252.23 Sq.Mts (Decreased) Two stack parking is proposed to accommodate 4 wheelers	60,487.60 Square meters 3 Basement (stack Parking) and part of ground parking
3.	Green Belt area	2356.26 Sq.mts (it is about 10.03% of the total area)	2357.00 Sq.mts
4.	Number of Blocks	Single block	No change
5.	Number of Floors	3B+S+27 Floors	3B+G+28 Floors
6.	No. of employees to be accommodated	22,100 People	22,915 People
7.	Cost of the project	400 Crores	401 Crores
8.	Total water consumption	1000 KLD Fresh Water – 500 KLD Recycled water – 500 KLD	1035 KLD Fresh Water – 570 KLD Recycled water – 465 KLD
9.	Waste water generation	900 KLD	921 KLD
10.	STP Capacity	1100 KLD	1110 KLD
11.	Solid waste generation	4442.5 kg/day	4606 kg/day
12.	DG Sets	13 X 2250 KVA DG sets and 2 X 2250 KVA DG sets (stand-by)	No change
13.	EMP Budget	Capital Cost: Rs. 4.0 crores Recurring cost: Rs. 28.0 lakhs	Capital Cost: Rs. 4.1 crores Recurring cost: Rs. 30.0 lakhs

It was informed that the total water requirement increased due to revised occupancy. It was also informed that construction activity in the site is going on. Hence, it was requested to issue amendment to EC.

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The SEAC considered the request of the proponent and after detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site, verify records and submit report on present status of the project, EMP measures being implemented, adequacy of proposed EMP measures proposed, impacts of the project on the surrounding environment, etc.,

Members of Sub-Committee:

1. *Vijaya Laxmi*
2. *Krishna Reddy.*

Agenda Item No. 15	M/s. Amara Labs Private Limited., Plot No. 73 C/4, Anrich Industrial Estates, IDA Bollaram, Jinnaram (M), Sangareddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/153366/2020 (EC)

The representative of the project proponent Sri S. Narender; and Smt. Pallavi & Sri. P.V.Raju of M/s. Pridhvi Envirotech (P) Ltd., Hyderabad, attended and made a presentation before the SEAC.

The proponent reported that the site is located Anrich Industrial Estates, IDA Bollaram i.e., critically polluted area of Bollaram & Patancheru Industrial Estates. But, it can be noted that the industry is located in IDA, Bollaram, which is a critically polluted area. The proponent informed that they have applied for EC at the SEIAA, as per S.O. 1223(E), dt. 27.03.2020 issued by the MoEF&CC, GoI. But, the SEAC observed from the notification that the applicability of general condition of EIA Notification, 2006 & its subsequent amendment was not mentioned. However, as per O.M. dt.31.10.2019 of the MoEF&CC, GoI on compliance of Hon'ble NGT Order dt.19.08.2019 (Published on 23.08.2019) in OA. No. 1038 / 2018, "category B2 projects shall be considered at State level stipulating Environmental Clearance conditions as applicable for the category 'B1' project / activities". Hence, the SEAC considered the project at the State level.

During presentation, the proponent informed that the unit was originally in the name of M/s. Roots Medicare Pvt. Ltd. and was established in the year 2005 and consented to manufacture drug intermediates. Later, the unit was taken over by M/s. Phanicare Pharmaceuticals Pvt. Ltd. in the year 2014. Subsequently, the unit was purchased by the current management in the year 2018. Presently, the unit is being operated with CFO order dt. 26.04.2019.

The SEAC noted the G.O.Ms. No. 95, dt. 21.09.2007 of the EFS&T Dept., GoAP; G.O.Ms. No. 64, dt. 25.07.2013 & G.O.Ms. No. 24, dt.24.04.2019. of the EFS&T Dept., GoAP.

The SEAC examined the proposal as per the provisions laid under S.O.1223 (E), dt.27.03.2020 and considered the project under B2 Category.

The SEAC noted the contents of the EMP report and noted the details of the project after proposed Expansion as follows:

Total area is 2336.68 Sq.m., out of which Green area is 846.29 Sq.m. (36.2 %).

Nearest human habitation is Bollaram (V) @ 0.96 km; Nearest water body is Mallampet tank @ 1.31 km; Nearest RF is Kazipally RF @ 2.89 km from the industry.

Project Cost for proposed expansion is Rs. 1.5 Crores. Budget for Environmental protection towards Capital Cost is Rs. 1.0 Crore and Recurring Cost is Rs. 36.2 Lakhs/annum.

The details of Products, by-products & production capacity are as following:

S.No	Product Name	Capacity (TPM)
1	Deferasirox	2.0
2	Deferiprone	3.0
3	Esomeprazole Magnesium Trihydrate	3.0
4	Emtricitabine	3.0

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5	Febuxostat	1.5
6	Fluconazole	4.0
7	Glyclazide	5.0
8	Lamivudine	3.0
9	Loratadine	5.0
10	Lopinavir	3.0
11	Olemisartan medoxomil	5.0
12	Oseltamivir phosphate	3.0
13	Pantoprazole sodium	4.0
14	Ritanovir	3.0
15	Tamsulosin Hydrochloride	2.0
16	Tapentadol hydrochloride	2.0
17	Tenofovir Disoproxil fumarate	5.0
18	Torsemide	2.0
19	Valsartan	5.0
20	Acetyl cysteine	5.0
21	Hydroxychloroquine	2.0
22	Lopinavir intermediate (TPA)	3.0
23	4-[(2-trityl tetrazole-5yl) phenyl] benzyl bromide(TTBB)	5.0
24	4,7-Dichloro quinoline (Hydroxy chloroquine intermediate)	3.0
25	Carbonic acid-4-Nitro phenyl -5-thiazolyl methyl ester(Ritanovir Intermediate)	5.0
26	1-(2, 2-Dimethoxyethyl)-5-Methoxy-6-(Methoxycarbonyl)-4-Oxo-1,4-Dihydro pyridine-3-Carboxylic Acid(Dolutegravir intermediate)	4.0
27	(2S, 3S, 5S)-2-Amino-3-hydroxy-5-(tert .butyloxy carbonyl) amino-1, 6-diphenyl hemi succinic acid salt (BDHSuccinic acidsalt)(Ritanovir intermediate)	3.0
28	5-(1-Hydroxy-1-methyl-ethyl)-2-propyl-3H- imidazole-4-carboxylic acid ethyl ester(Olmesartan intermediate)	5.0
29	2-[(4-Aminopentyl)(Ethyl)Amino]Ethan-1-Ol(HydroxyChloroquine Intermediate)	3.0
30	4-amino-5-ethylsulfonyl-2-methoxy benzoic acid(intermediate of amisulpride amic acid)	4.0
31	1, 2, 3 TRIACETYL 5-DEOXYRIBOSE (Capecitabine intermediate)	3.0
32	methyl-5-bromo-3-propionyl salicylate (flavoxate Hcl intermediate)	5.0
33	N-[(2'-cyano-biphenyl-4-ylmethyl)-(1)- valine methylesterhydrochloride(valsartanintermediate)	5.0
34	5-bromoacetylsalicyamide (labetalol intermediate)	3.0
35	4-[4-(dimethylamino)-1-(4-fluorophenyl)-1 -hydroxybutyl]-3-(hydroxymethyl) benzonitrile hydrochloride(Citalopram / Escitalopram intermediates	3.0
36	4-amino-2-Oxo-pyrimidinyl-oxathiolane-2-carboxylic acid isopropyl-Methyl-cyclohexyl ester(CHE) (Intermediate of Lamivudine)	4.0
37	R & D Products	0.03
	Total (worst case scenario any five products)	25.0
	By products	
1	Aluminium Hydroxide	17.2
2	Thio Acetic acid	0.6
	Total	17.8

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Details of Utilities, Stacks & Air pollution control equipments after expansion:

S.No.	Utility	Stack Height (mt)	APCE
1	Coal fired Boiler: Existing : 0.5 TPH Proposed : 2.5 TPH	30 m 30 m	Cyclone Separator
2	Thermicfluid Heater: Proposed: 6.0 Lakh. K.Cal/hr.	10m	--
3	DG Sets: Existing : 1 x 75 kVA Proposed : 1 X 125 KVA & 1 X 250 KVA	Adequate height	Acoustic enclosure

The process emissions containing Hydrogen Chloride, Hydrogen Bromide, Sulphur Dioxide, CH₃Cl & Ammonia are to be routed through Multi Stage Scrubber system. The process emissions containing derivatives of Carbon dioxide, Oxygen & Nitrogen are to be safely dispersed into the atmosphere. Further, the process emissions containing derivatives of Hydrogen are to be safely dispersed into the atmosphere through water column.

Details of Water requirement and Effluent generation, treatment & disposal after expansion:

S. No.	Stream	Water requirement in KLD		Waste discharge in KLD		Proposed method of treatment & disposal
		Current	After Expansion	Current	After Expansion	
1	Process	1.7	14.6	1.7	15.9	ZLD system: HTDS: Stripper, MEE followed by ATFD. (Condensate to ETP & RO) LTDS: ETP & RO (RO Reject to MEE)
2	Washings		2.0		2.0	
3	Scrubber	-	1.0	--	1.0	
4	QC, R&D, Piolt plant	-	0.5	-	0.5	
4	Cooling Towers	4.6	20.0	0.3	2.0	
5	Boiler		25.0		2.5	
6	DM Plant	-	1.0	--	0.5	
7	Domestic	0.2	3.0	0.2	2.5	
8	Gardening	-	1.0	--	--	
	Total	6.5	68.10	2.20	26.90	

Details of Solid Waste after expansion:

S.No	Description	Existing Quantity in TPD	After expansion Quantity in TPD	Remarks
1	MEE salts with 4 % Moisture*	0.07	39.5	Sent to TSDF, Dundigal for secured land fill.
2	ETP Sludge	0.05	1.5	
3	Inorganic residue	0.15	8.8	
4	Distillation bottom residue	0.02	20.5	Sent to Cement plant for Co-processing/AFRF Facilities of GEPIL Infrastructure Pvt. Ltd,
5	Process/ organic Residue	0.06	33.8	
6	Spent Carbon	-	2.8	

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7	Stripper waste	--	33.0	Rakamcherla/ M/s. TSDF Dundigal for for incineration.
8	Ash from boilers	--	2.85 TPD	Sold to brick manufacturers
9	Waste /Used Oil	10 LPA	500 LPA	Authorized Recyclers/ Re-processors
10	Spent Mixed solvents	-	24.4 TPD	End users/Authorized cement manufacturing units for co-processing/ AFRF Facilities of GEPIL Infrastructure Pvt. Ltd, Rakamcherla, Pudur (M), Rangareddy (D)
11	Used batteries	2 No.s per Annum	10 No.s Per Annum	Sent to Authorized Recyclers
12	container & container liners of hazardous waste & chemicals	10 No.s/Month	200 No.s/ Month	After detoxification, disposed to outside agencies

After detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the unit, verify records and submit a report on the following:

- i) Distance of the industry from the nearest boundary of Patancheru and Bollaram Industrial Areas.
- ii) Project modification
- iii) Project cost
- iv) ZLD System & its adequacy
- v) ETP modifications
- vi) Products: Comparison of existing and proposed (which are going for expansion)
- vii) Verify Production details w.r.t. permitted for the past one year, as per ER-I.
- viii) Raw material: Comparison of existing and proposed (which are going for expansion)
- ix) Solid waste: Comparison of existing and proposed (which are going for expansion)
- x) Impact on surroundings
- xi) Applicability of S.O.804 (E), dt.14.03.2017 & S.O. 1030 (E) dt.08.03.2018 issued by the MoEF&CC, GoI.
- xii) Implementation of disaster management plan and safety measures in the existing project and proposed expansion.
- xiii) Greenbelt development
- xiv) Compliance of Hon'ble NGT Order dt.19.08.2019 (Published on 23.08.2019) in OA. No. 1038 / 2018 as per OM dt.31.10.2019 of the MoEF&CC, GoI.

Members of Sub-Committee:

1. Sri *Siva Kumar*
2. Sri *Krishna Reddy.*

Agenda Item No. 16	M/s. Synthokem Labs Pvt. Limited, Unit - II, Plot No.222 – 224 & 235 – 237, Phase – II, IDA, Pashamailaram, Sangareddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/-1/152812/2020 (MODI-EC)

The representative of the project proponent Sri K. Laxma Reddy; and Sri Kushal Bodhankar of M/s. KKB Enviro Consultant, Hyderabad, attended and made a presentation before the SEAC. During presentation, the proponent informed the following:

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- Earlier, sick unit was procured by M/s. Synthokem Labs Pvt. Limited and obtained Environmental Clearance from MoEFCC vide order dt. 14-07-2005. The industry later obtained EC (Expansion) vide order dt. 29-12-2017 and also obtained CFE (Expansion) from TSPCB vide order dt. 05-09-2019.
- The industry was permitted to operate a 2 TPH Oil Fired Boiler to manufacture the products permitted by the Board. As per EC Expansion dated 29-12-2017 and CFE Expansion dated 05-09-2019 industry has proposed 1 X 4 TPH Coal Fired to the existing 1 X 2TPH Oil fired Boiler along with 1 X 2 Lakh Kcal Solar Thermo Pack Heater and 1 X 6 Lakh Coal Thermo Pack Heater.
- The permitted 4 TPH capacity Boiler was underestimated for steam requirement, considering the immediate requirement of manufacturing the products for the market needs.
- The Steam requirement for HTDS Treatment facility and Solvent Distillation Facility were not considered at the time of submission of application for EC.
- As per EC Order Dt:29-12-2017 and CFE Order Dt:05-09-2019 the industry has to establish ZLD system consisting of stripper, MEE, ATFD Biological ETP followed by RO Plant to treat effluents generated from the existing activity and also the effluent generated due to proposed expansion activity.
- As per CFE Condition No.15 of Schedule B, the Industry has to recover the solvents within the plant premises and to the maximum extent and reused.
- On calculation of all these requirements, the Boiler Capacity increases to a 10 TPH capacity.
- Hence, industry proposes to replace the permitted 4 TPH Boiler with a 10 TPH Boiler and retain 2 TPH Oil Fired Boiler that was already existing prior to the EC Expansion.
- Due to increase in Steam requirement, the water requirement, wastewater generation, project cost and EMP cost also increased.

Hence, it was requested to issue amendment to EC with the following changes.

Proposed Water Requirement, Wastewater generation after installation of 10 TPH Boiler

S. No	Purpose	Water Consumption in KL	Effluent Generation in KL		Total in KL	Treatment Method
			HTDS	LTDS		
1	Process	34.05	42.24	7.41	49.65	HTDS Effluent sent to stripper followed by MEE system.
2	Washings	3.00	-	3.00	3.00	
3	Boiler blow down (Existing 2 TPH oil fired boiler and Proposed 10 TPH coal fired Boiler)	72.00		12.00	12.00	LTDS effluents treated in ETP along with MEE condensate. Treated effluent is sent to RO, RO permeate water is recycled and RO rejects taken for evaporation in MEE followed by ATFD to collect evaporation salts for disposal to TSDF.
4	Cooling Tower Make Up	96.00 (73 KLD Reuse water; 23KLD fresh water)	-	16.00	16.00	
5	DM Plant	2.00	2.00	-	2.00	
6	Scrubber	2.00	2.00	0.0	2.00	
7	Domestic	8.00	-	7.00	7.00	
8	Gardening	6.00		-		
Total		223.05	46.24	45.41	91.65	

Boiler Stack Emission Details and Flue Gas Characteristics for 2 TPH (Existing) oil fired Boiler and 10TPH Coal Fired Boiler

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Source	Stack Height (m)	Diameter (m)	Temperature (°C)	Flue Gas Flow rate (m ³ /hr)	Exit Gas Velocity (m/sec)	PM	SO ₂	NO _x
						kg/hr		
2 TPH Oil Fired Boiler (Existing)	25	0.3	150	2782	10.9	0.06	9.21	1.35
10 TPH Coal Fired Boiler (Proposed)	32	0.9	150	26615	11.6	1.35	14.17	8.1

Air Pollution Control system for New Boiler

The proposed 10TPH Boiler will be connected to Multi cyclone followed by Bag filter

Proposed Hazardous Waste details after installation of 10 TPH Boiler

S. No.	Name of the Solid Waste	Quantity in Kg/day	Disposal method
1	Organic Residue	1533	Sent to TSDF / Cement Plants for Co-incineration having Pre- Processing Plants / Authorised Pre- Processing Units
2	Spent Carbon	34	
3	Solvent distillation residue	50	
4	Inorganic Solid Waste	3627	Will be Sent to TSDF, Dundigal for Landfill
5	ETP Sludge	600	
6	MEE Salts	7160	
7	Used oils	150 ltrs/annum	Sent to Authorized recyclers
8	Detoxified Containers & Container liners	300 Nos/Annum	Sent to Authorized vendors / Suppliers after complete detoxification
9	Used Lead Acid Batteries	6 Nos/annum	Sent back to supplies for buy back of new batteries / sent to authorized recyclers
10	Ash from Boiler	16Tons/day	Sent to Brick manufacturers

Project Cost after proposed amendment is Rs. 16.99 Crores. Budget for Environmental protection towards Capital Cost is Rs. 1.71 Crore and Recurring Cost is Rs. 16.4 Lakhs/annum, after proposed amendment.

The SEAC, considered the request of the proponent and decided to constitute a Sub-Committee with the following members to inspect the unit verify records and submit report on present status of the project EMP measures being implemented, adequacy of proposed EMP measures, impacts of the project on surrounding environment.

Members of Sub-Committee:

1. Sri *Sivakumar*
2. Sri *Sureth Krishna Reddy*

Agenda Item No. 17	M/s. Sensation Vijetha Skyscrapers LLP., Survey No. 9/1, Bahadurguda (V), Saroornagar Mandal, Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/148694/2020 (EC)

The representative of the project proponent Sri Vivek Sai; and Sri Lakshmi Kanth Reddy of M/s. Vison Labs, Hyderabad, attended and made a presentation before the SEAC.

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During presentation, the SEAC observed from the google map and photographs that few trees are existing in the proposed site and informed the proponent to relocate the trees to the boundaries. In this regard, the proponent agreed to relocate the trees to the boundaries within their premises.

During presentation, the proponent informed that they have obtained NOC dt. 18.03.2020 for height clearance from Airports Authority of India w.r.t. the proposed project and submitted a copy of the same. It is observed from the NOC that the site elevation is 510.15 mts AMSL and the permissible top elevation is restricted to 692.73 mts AMSL. The SEAC noted that the height of the building is within the permissible top elevation restricted by the AAI.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Ground coverage area	2,706.39	47.51%
2	Tot-lot Area	590.67	10.37%
3	Green Area	612.28	10.75%
4	Driveways	1,787.71	31.38%
	Net Site Area	5697.05	100%
5	Road Widening	197.55	
	Total Area	5894.6	

It was informed that the total built up area of the project is 74,049.89 Sq.m. The project consists of Commercial Building with (5B + G + 32 Upper Floors).

It is also noted that Parking area to be provided 26,665.11 Sq.m., (56.27%) in Basements to park about 610 four wheelers and 460 two wheelers. It was informed that D.G. Sets of capacity 2 x 1000 kVA & 2 x 500 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 340.0 KLD. Out of that, fresh water requirement is 150.0 KLD & recycled treated waste water is 190.0 KLD. Quantity of sewage generated is 272.0 KLD. It is proposed to treat the sewage in STP of capacity 290.0 KLD. The treated waste water will be used for: flushing the toilets, HVAC and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (1907.0 kg/day) generated will be sent to Municipal Solid Waste disposal site; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 150.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 1.5 Crores, recurring cost: Rs. 40.0 lakhs/annum.

After detailed discussions, the SEAC decided to inform the proponent to submit the Risk Assessment report & Disaster Management Plan.

Agenda Item No. 18	“SV Mall” by M/s. Venkateshwara Enterprises, Sy No 88/part, Adibatla Village, Ibrahimpatnam mandal, Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/148873/2020 (EC)

The representative of the project proponent Sri V. Venkaesh; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad, attended and made a presentation before the SEAC.

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It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Ground coverage area	3,721.72	46.60%
2	Tot lot Area	798.63	10.00%
3	Green Area	815.65	10.21%
4	Driveways	2,650.00	33.18%
	Total Area	7986.00	100%

It was informed that the total built up area of the project is 23,784.46 Sq.m. The project consists of Commercial Building for multiplex with (2B + G + 3 Floors) to accommodate Retail space in Ground floor & First floor; and to accommodate movie theatres in 2nd & 3rd floors.

It is also noted that Parking area to be provided 9195.46 Sq.m., (63%) in Basements to park about 334 four wheelers and 250 two wheelers. It was informed that D.G. Sets of capacity 2 x 110 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 32.0 KLD. Out of that, fresh water requirement is 14.0 KLD & recycled treated waste water is 18.0 KLD. Quantity of sewage generated is 26.0 KLD. It is proposed to treat the sewage in STP of capacity 32.0 KLD. The treated waste water will be used for: flushing the toilets, HVAC and development of greenery.

It was also informed that the Garbage (78 kg/day) generated will be sent to Municipal Solid Waste disposal site; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 45.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 1.05 Crores, recurring cost: Rs. 30.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

Agenda Item No. 19	“Harmony Vistas” by Dr. Zumaira Fatima. Plot No 7,8,9,18,19 & 20 in D Block, Survey No. 106/1 Part, Dollar Hills Puppalguda Village, Gandipet Mandal, Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/149645/2020 (EC)

The representative of the project proponent Dr. Zumaira Fatima ; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad, attended and made a presentation before the SEAC.

The project is proposed within 10 km radius of Himayat Sagar and Osman Sagar Lakes. But, **Puppalguda (V)** is not included in the list of 84 villages in the 10km catchment of above lakes as mentioned in the G.O.Ms. No: 111, MA, dt. 08.03.1996.

During presentation, the SEAC observed from the google map and photographs that few trees are existing in the proposed site and informed the proponent to relocate the trees to the boundaries. In this regard, the proponent agreed to relocate the trees to the boundaries within their premises.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Ground coverage area	2,400.62	48.19%
2	Tot lot Area	499.00	10.02%
3	Green Area	512.63	10.29%
4	Driveways	1,569.40	31.50%
	Total Area	4981.65	100%

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It was informed that the total built up area of the project is 28,058.0 Sq.m. The project consists of Residential Apartments (3B + G + 9 Floors) to accommodate a total no. of 77 units including Amenities.

It is also noted that Parking area to be provided 8,910.0 Sq.m., (46.53%) in Basements to park about 204 four wheelers and 153 two wheelers. It was informed that D.G. Sets of capacity 2 x 250 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 72.0 KLD. Out of that, fresh water requirement is 47.0 KLD & recycled treated waste water is 25.0 KLD. Quantity of sewage generated is 58.0 KLD. It is proposed to treat the sewage in STP of capacity 70.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (281.5 kg/day) generated will be sent to Municipal Solid Waste disposal site; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 45.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 60.0 Lakhs, recurring cost: Rs. 15.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

Agenda Item No. 20	M/s. ELITE BHEL Employees Mutual Aided Co-operative Housing Society Ltd. Survey No 17 and 18, Randlagadda Village, Ameenpur Mandal, Sangareddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/151316/2020 (EC)

The representative of the project proponent Sri V. Venkateshwara Rao ; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad, attended and made a presentation before the SEAC.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Plinth Area	36769.15	51.87%
2	Totlot Area	7263.44	10.25%
3	Green Area	8171.53	11.53%
4	Amenities	1827.79	2.58%
5	Driveways	16849.35	23.77%
	Net Site Area	70881.3	100%
6	Road Widening	657.35	
	Total Area	71538.61	

It was informed that the total built up area of the project is 27,191.88 Sq.m. The project consists of Residential Villas with 238 no. of Single Storey Villas (Ground floor), 23 no. of Duplex Villas (Ground floor + 1 Upper Floor) & Club House (Ground floor + 2 Upper Floors). The project accommodates a total no. of 261 villas.

It is also noted that adequate Parking space will be provided in each Villa. It was informed that D.G. Sets of capacity 2 x 250 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 156.0 KLD. Out of that, fresh water requirement is 103.0 KLD & recycled treated waste water is 53.0 KLD. Quantity of sewage generated is 125.0 KLD. It is proposed to treat the sewage in STP of capacity 150.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

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It was also informed that the Garbage (595.0 kg/day) generated will be sent to Municipal Solid Waste disposal site; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 42.50 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 0.70 Crores, recurring cost: Rs. 10 lakhs/annum.

During presentation it is observed that Pamula Vagu flows adjacent to the proposed site. In this regard, the proponent submitted a copy of Letter dt. 22.03.2019 of the EE, IB Division, Sangareddy. In the letter, it was reported that Joint inspection was conducted on 01.03.2019 by the Mandal Surveyor, Ameenpur; Tahsildar, Ameenpur; AEE, IB Division, Ameenpur and DEE, IB Division, Patancheru. In the report, it was reported as following:

- Nakka Vagu is passing adjacent to the site on South west side and the lands u/r are free from MFL of Nakka Vagu but some part of land affected under the Buffer zone of 9.0m proposed, as per G.O.Ms. No. 168, since the width of Nakka Vagu is more than 10m.

In view of the above and after detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site, verify records and submit report on present status of the project, impacts of the project on Nakka Vagu, adequacy of proposed EMP measures, impacts of the project on surrounding environment, etc.,

Members of Sub-Committee:

1. *Panasa Reddy*
2. *Reddy Nait*

Agenda Item No. 21	M/s. Sri Developers. Survey No 36/part, Bachupally Village and Mandal, Medchal - Malkajgiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/156899/2020 (EC)

The representative of the project proponent Sri B. Laxmi Narayana Murthy; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad, attended and made a presentation before the SEAC.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Plinth Area	4354.94	53.78%
2	Road Area	1171.69	14.47%
3	Green Area	940.82	11.62%
4	Totlot Area	1020.32	12.60%
5	Surface parking area	610.00	7.53%
	Total Area	8097.77	100%

It was informed that the total built up area of the project is 32,141.40 Sq.m. The project consists of Residential Apartments with (C + G + 5 Floors) to accommodate a total no. of 190 units & Club House (G + 2 Floors).

It is also noted that Parking area to be provided 7558.59 Sq.m., (31%) in Cellar & earmarked Surface parking area to park about 500 four wheelers and 380 two wheelers. It was informed that D.G. Sets of capacity 2 x 250 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 131.0 KLD. Out of that, fresh water requirement is 86.0 KLD & recycled treated waste water is 45.0 KLD. Quantity of sewage generated is 105.0 KLD. It is proposed to treat the sewage in STP of capacity 130.0 KLD. The treated waste water will be used for: flushing

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the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (500.0 kg/day) generated will be sent to Municipal Solid Waste disposal site; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 45.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 60.0 Lakhs, recurring cost: Rs. 15.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

Agenda Item No. 22	M/s. Sri Karthikeya Constructions. at Survey No 36 part and 37 part, Bachupally Village and Mandal, Medchal - Malkajgiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/157020/2020 (EC)

The representative of the project proponent Sri V. Muralidhar Rao; and Sri Lakshmikanth Reddy of M/s. Vison Labs, Hyderabad, attended and made a presentation before the SEAC.

It is noted that the details of the Land use are as following:

S.No.	Details of land use	Area in Sq.m.	Area in %
1	Plinth Area	5726.69	54.51%
2	Road Area	1490.00	14.18%
3	Green Area	1069.00	10.18%
4	Totlot Area	1125.33	10.71%
5	Surface parking area	1094.11	10.42%
	Total Area	10505.13	100%

It was informed that the total built up area of the project is 42,139.60 Sq.m. The project consists of Residential Apartments (C + G + 5 Upper Floors) to accommodate a total no. of 269 units & Club House.

It is also noted that Parking area to be provided 9,745.28 Sq.m., (30%) in Cellar & earmarked surface parking area to park about 650 four wheelers and 490 two wheelers. It was informed that D.G. Sets of capacity 2 x 300 kVA will be provided for emergency power supply during occupational phase.

It was informed that the source of fresh water is HMWS&SB. The total water requirement during occupational stage is 188.0 KLD. Out of that, fresh water requirement is 124.0 KLD & recycled treated waste water is 64.0 KLD. Quantity of sewage generated is 150.0 KLD. It is proposed to treat the sewage in STP of capacity 180.0 KLD. The treated waste water will be used for: flushing the toilets and development of greenery. It was informed that the excess treated waste water will be discharged into the public sewer lines.

It was also informed that the Garbage (713.0 kg/day) generated will be sent to Municipal Solid Waste disposal site; used oil and used batteries will be sent to Authorized Recyclers. E-waste, if any, will be disposed to the recyclers/dismantlers authorized by the TSPCB as per the E-waste Rules.

The total cost of the project is Rs. 60.0 Crores. The proponent is proposing budget for Environmental protection towards capital cost: Rs. 90.0 Lakhs, recurring cost: Rs. 20.0 lakhs/annum.

After detailed discussions, the SEAC recommended for issue of EC.

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Agenda Item No. 23	M/s. Yadadri Drugs & Intermediates., Sy Nos: Parts of 87, 89, 90, 92, 98, 99, 100, 103 & 104, Kurraram Village, Rajapet Mandal, Yadadri-Bhongiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/154465/2020 (EC)

The representative of the project proponent Sri Sravan Kumar; and Sri Y.V. Prasad of M/s. Rightsource Industrial Solutions Pvt. Ltd. Hyderabad, attended and made a presentation before the SEAC.

The industry proposed to establish Bulk Drugs & Intermediates manufacturing unit.

The SEAC examined the proposal as per the provisions laid under S.O.1223 (E), dt.27.03.2020 and considered the project under B2 Category.

The SEAC noted the contents of the EMP report and noted the details of the project as follows:

Total area is 58,881.75 Sq.m., out of which Green area is 31,663.10 (53.77%).

Nearest human habitation is Kotta Jala (V) @ 1.72 km; Nearest water body exists near Lingampalli @ 3.05 km; Nearest RF is Nagpur @ 4.20 km from the industry.

Project Cost is Rs. 20.0 Crores. Budget for Environmental protection towards Capital Cost is Rs. 162.0 Lakhs and Recurring Cost is Rs. 24.0 Lakhs/annum. Budget for CER is Rs. 40.0 lakhs.

The details of Products, by-products & production capacity are as following:

S. No	Product Name	Production capacity (TPM)
1	Albendazole	10.00
2	Biopenem	5.00
3	Carvedilol	5.00
4	Ciprofloxacin	10.00
5	Closantel Sodium	10.00
6	Dorapenem	5.00
7	Enrofloxacin	10.00
8	Gabapentin	5.00
9	Glucosamine HCl	5.00
10	Imipenem	5.00
11	Lamivudine	10.00
12	Lansoprazole	5.00
13	Meropenem	5.00
14	Nevirapine	10.00
15	Niclosamide	10.00
16	Omeprazole	5.00
17	Rafoxanide	10.00
18	Terbinafine HCl	5.00
19	Triclabendazole	10.00
20	Zidovudine	10.00
Total (To manufacture any 10 products at any given point of time)		100.00

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By-products:

S. No	Name of the Product	Name of the By-Product	Quantity In Kg/Day
1	Biapenem	1-Methyl-4-nitro benzene	66.67
2	Ciprofloxacin	Piperazine HCl	114.65
		Ammonium acetate	71.33
3	Dorepenem	Para Nitro Toluene	56.00
4	Enrofloxacin	n-Ethyl piperazine	139.76
5	Glucosamine	Poly glucosamine compound	81.33
6	Lamivudine	Trimethyl Silanol	142.00
		Trimethyl Chloro Silane	175.80
		L-Menthol	236.59
7	Meropenem	TEA HCl	63.33
8	Zidovudine	TEA HCl	348.00
		Trityl alcohol	326.97

Details of Utilities, Stacks & Air pollution control equipments:

S.No.	Utility	Stack Height (mt)	APCE
1	Coal fired Boiler: 2.0 TPH & 5.0 TPH	30 m	Cyclone Separator followed by suitable pack of Bag filters.
2	DG Sets: 380 KVA & 250 KVA	Adequate height	Acoustic Enclosure & Silencer

The process emissions containing Hydrogen Chloride, Sulphur Dioxide & Ammonia are to be routed through Multi Stage Scrubber system. The process emissions containing derivatives of Carbon dioxide & Oxygen are to be safely dispersed into the atmosphere. Further, the process emissions containing derivatives of Hydrogen are to be safely dispersed into the atmosphere through water column.

Details of Water requirement:

S. No	Purpose	Quantity (KLD)
1	Process	44
2	Washings	5.0
3	Boiler make up	42
4	Cooling towers make up	53
5	Scrubbing system	4.0
6	Domestic	4.0
7	Gardening	5.0
	Total	157

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Details of Effluent generation, treatment & disposal:

S. No.	Effluent generated from	HTDS (KLD)	LTDS (KLD)	Total (KLD)	Treatment & Disposal
1	Process	32.18	17.64	49.82	Zero Liquid Discharge System ie., HTDS: Stripper, MEE & ATFD. LTDS: Biological ETP & RO. Treated effluent to be reused in cooling towers, Boiler make-up and Scrubbers.
2	Washings	5.00	0.00	5.00	
3	Boiler blow down	0.00	6.00	6.00	
4	Cooling towers bleed of	0.00	6.00	6.00	
5	Scrubber	4.00	0.00	4.00	
6	Domestic	0.00	3.60	3.60	
Total :		41.18	33.24	74.42	

Details of Solid Waste:

S. No	Name of the Waste	Quantity	Disposal Method
1	Organic waste (Process Residue)	657.39 Kg/Day	Will be sent to Cement Industries
2	Spent Carbon	90 Kg/Day	
3	Solvent Distillation Residue	404 Kg/Day	
4	Inorganic Waste	350 Kg/Day	Will be sent to TSDF
5	MEE Salts	3160.93 Kg/Day	
6	Organic Evaporative Liquid (from MEE Stripper)	510 Kg/Day	Will be sent to Cement Industries
7	ETP Sludge	30 Kg/Day	Will be sent to TSDF
8	Used Oils	150Ltrs/Annum	Will be sent to SPCB Authorized Agencies for Reprocessing/Recycling
9	Containers liners	300 No's/ Month	After Detoxification will be sent to SPCB / outside agencies
10	Used Lead Acid Batteries	4 No's/ Annum	Send back to suppliers for buyback of New Batteries
11	Ash from boilers	8750 Kg/Day	Will be sent to Brick Manufacturers

After detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site and submit report on present status of the project, adequacy of EMP measures proposed, impacts of the project on surrounding environment.

Members of the Sub-Committee:

1. *Krishna Reddy. 3. Venkateshwar.*
2. *Sivakumar.*

Agenda Item No. 24	M/s. SRR Laboratories, Sy No. 290& Parts, Dondapadu Village, Chinthalapalem Mandal, Suryapet District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/154277/2020 (EC)

The representative of the project proponent Sri Raghavendra; and Sri Y.V. Prasad of M/s. Rightsource Industrial Solutions Pvt. Ltd. Hyderabad, attended and made a presentation before the SEAC.

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During presentation, it is observed that the industry is located at a distance of 0.4 km from the interstate boundary of Andhra Pradesh. The proponent informed that they have applied for EC at the SEIAA, as per S.O. 1223(E), dt. 27.03.2020 issued by the MoEF&CC, GoI. But, the SEAC observed from the notification that the applicability of general condition of EIA Notification, 2006 & its subsequent amendment was not mentioned.

In view of the above, the SEAC deferred the project.

Agenda Item No. 25	M/s. Vedgir Life Sciences, Sy Nos: Parts of 318, 318 & 321, Pallepahad Village, Thurkapally Mandal, Yadadri-Bhongiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/154386/2020 (EC)

The representative of the project proponent Sri Mohan Reddy; and Sri Y.V. Prasad of M/s. Rightsource Industrial Solutions Pvt. Ltd. Hyderabad, attended and made a presentation before the SEAC.

The industry proposed to establish Bulk Drugs & Intermediates manufacturing unit.

The SEAC examined the proposal as per the provisions laid under S.O.1223 (E), dt.27.03.2020 and considered the project under B2 Category.

The SEAC noted the contents of the EMP report and noted the details of the project as follows:

Total area is 39,537,79 Sq.m., out of which Green area is 19,287.80 Sq.m. (48.78%).

Nearest human habitation is Pallepahad (V) @ 0.50 km; Nearest water body is near Dharmaram @ 0.5 km; Nearest RF is Malkapur RF @ 4.60 km from the industry.

Project Cost is Rs. 18.0 Crores. Budget for Environmental protection towards Capital Cost is Rs. 162.0 Lakhs and Recurring Cost is Rs. 24.0 Lakhs/annum. Budget for CER is Rs. 36.0 lakhs.

The details of Products, by-products & production capacity are as following:

S. No	Product Name	Capacity (TPM)
1	Aceclofenac	10.00
2	Certrizine Hydrochloride	10.00
3	Domperidone	4.50
4	Drotraverine Hydrochloride	4.00
5	Emiticitabine Hydrochloride	5.00
6	Esomeprazole	3.00
7	Fexofenadine Hydrochloride	4.50
8	Fluconazole	5.00
9	Glycazide	5.00
10	Ketoconazole	5.00
11	Levetiracetam	3.00
12	Loratidine	4.00
13	Losartan Potassium	4.50
14	Lansoprazole	10.00
15	Montelukast Sodium	3.00
16	Omeprazole	10.00
17	Pantoprazole sodium	4.50
18	Sertaline Hydrochloride	5.00
19	Telmisartan	4.50
20	Tramadol Hydrochloride	10.00
Total (We will manufacture any 10 products at any given point of time)		75.00

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By-products:

S. No.	Name of the Product	Name of the By-Product	Capacity Kg/Day
1	Aceclofenac	t- Butanol	69.85
2	Emtricitabine	TEA HCl	106.55
3	Fluconazole	DMSO	44.08
4	Montelukast Sodium	Di-isopropyl amine HCl	30.40
5	Losartan Potassium	Succinimide	41.54
		Trityl chloride	105.84
6	Omeprazole	Sodium Sulphate	152.04
7	Tramadol Hydrochloride	Magnesium Sulphate	218.55

Details of Utilities, Stacks & Air pollution control equipments:

S.No.	Utility	Stack Height (mt)	APCE
1	Coal fired Boiler: 2.0 TPH & 5.0 TPH	30 m	Cyclone Separator followed by pack of Bag filters
2	DG Sets: 250 KVA & 380 KVA	Adequate height	Acoustic enclosure and Silencer

The process emissions containing Hydrogen Chloride, Hydrogen Bromide, Sulphur Dioxide, Chloromethane & Ammonia are to be routed through Multi Stage Scrubber system. The process emissions containing derivatives of Carbon dioxide, Nitrogen & Oxygen, are to be safely dispersed into the atmosphere. Further, the process emissions containing derivatives of Hydrogen are to be safely dispersed into the atmosphere through water column.

Details of Water requirement:

S. No.	Purpose	Quantity (KLD)
1	Process	47.90
2	Washings	5.00
3	Boilers make up	42.00
4	Cooling towers make up	57.25
5	Scrubbing system	4.00
6	Domestic	3.00
7	Gardening	5.00
	Total	164.15

Details of Effluent generation, treatment & disposal:

S. No.	Effluent generated from	HTDS (KLD)	LTDS (KLD)	Total (KLD)	Treatment & Disposal
1	Process	35.43	17.15	52.58	Zero Liquid Discharge System ie., HTDS: Stripper, MEE & ATFD. LTDS: Biological ETP & RO.
2	Washings	5.00	0.00	5.00	
3	Boiler blow down	0.00	6.00	6.00	
4	Cooling towers bleed of	0.00	6.50	6.50	
5	Scrubber	4.00	0.00	4.00	Treated effluent to be reused in cooling towers, Boiler make-up and Scrubbers.
6	Domestic	0.00	2.50	2.50	
Total :		44.43	32.15	76.58	

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Details of Solid Waste:

S. No	Description	Quantity	Mode of Treatment / Disposal
1	Organic solid waste	456.06 Kg/Day	Will be sent to Cement Industries
2	Spent Carbon	138.17 Kg/Day	
3	Solvent Distillation Residue	1247.86 Kg/Day	
4	Inorganic Solid Waste	462.73 Kg/Day	Will be sent to TSDF
5	ETP Sludge	30 Kg/Day	
6	MEE Salts	1666.01 Kg/Day	
7	Organic Evaporate Liquid (from MEE Stripper)	570 Kg/Day	Will be sent to Cement Industries
8	Used Oils	150 Ltrs/Annum	Will be sent to SPCB Authorized Agencies for Reprocessing/ Recycling
9	Detoxified Containers/ Container liners	300 No's / Month	After Detoxification will be sent to SPCB authorized agencies.
10	Used Lead Acid Batteries	4 No's/ Annum	Send back to suppliers for buyback of New Batteries
11	Ash from boilers	8750 Kg/Day	Will be sent to Brick Manufacturers

After detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the site and submit report on present status of the project, adequacy of EMP measures proposed, impacts of the project on surrounding environment.

Members of the Sub-Committee:

1. *Sivakumar* 3. *venkateswar*
2. *Krishna Reddy*

Agenda Item No. 26	M/s. Rishon Laboratories Pvt. Ltd., Sy. No. 464 & 465(A), Yellambavi Village, Choutuppall Mandal, yadadri Bhongir District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/154958/2020 (EC)

The representative of the project proponent Sri Subba Raju; and Sri Y.V. Prasad of M/s. Rightsource Industrial Solutions Pvt. Ltd. Hyderabad, attended and made a presentation before the SEAC.

The existing unit is operating with CFO vide order dt. 15.06.2018 for manufacturing Bulk Drugs & Drug Intermediates and now proposed expansion of the project.

The SEAC examined the proposal as per the provisions laid under S.O.1223 (E), dt.27.03.2020 and considered the project under B2 Category.

The SEAC noted the contents of the EMP report and noted the details of the project after proposed Expansion as follows:

Total area is 35,840 Sq.m., out of which Green area is 17,016 Sq.m. (47.48%).

Nearest human habitation is Yellambavi (V) @ 0.91 km; Nearest water body is Nagaram Cheruvu @ 4.49 km; Nearest RF is Lakkaram RF @ 0.45 km from the industry.

Project Cost for proposed expansion is Rs. 4.0 Crores. Budget for Environmental protection towards Capital Cost is Rs. 213.0 Lakhs and Recurring Cost is Rs. 25.0 Lakhs/annum. Budget for CER is Rs. 4.0 lakhs in 5 years.

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The details of Products, by-products & production capacity are as following:

S. No	Product Name	Capacity (TPM)
1	Allopurinol	5.00
2	Carvedilol	2.00
3	Etoricoxib	1.00
4	Irbesartan	1.00
5	Lacosamide	2.00
6	Levocetirizine Dichydrochloride	2.00
7	Losartan Potassium	2.00
8	Montelukast Sodium	0.50
9	Omeprazole Sodium	5.00
10	Pantoprazole Sodium	5.00
11	Phenylephrine Hydrochloride	5.00
12	Valsartan	2.00
13	Vildagliptin	2.00
14	(2-Butyl-4-Chloro-5-Formyl Imidazole) (Losartan Potassium Intermediate)	10.00
15	1-(4-Methoxyphenyl)-4-(4-Nitrophenyl) Piperazine (Itraconazole Intermediate)	6.00
16	1-[(4-Chloro-Phenyl)-Phenyl -Methyl]-Piperazine	1.00
17	2-4 Dihydro-4[4-[4-(4-Hydroxyphenyl)-1-Piperazinyl]Phenyl]-2-(1-Methylpropyl)-3h-1,2,4 Triazol-3-One.	3.00
18	2-Amino Biphenyl	4.00
19	2-Chloromethyl-4-Methoxy-3,5-Dimethyl Pyridine Hydrochloride (Omeprazole Intermediate)	4.00
20	3-Hydroxy Acetophenone	10.00
21	4-Hydroxy Carbazole	3.00
22	5-(4-Amino-5-Fluoro-2-Oxo-2h-Pyrimidin -1-Yl)-[1, 3]-Oxathiolane-2-Carboxylic Acid, 2s-Isopropyl-5r-Methyl-1r-Cyclohexyl Ester (Fce)	5.00
23	Cis-[2-(2, 4-Dichlorophenyl)-2-(1h-1, 2, 4-Triazol-1-Yl-Methyl)-1, 3-Dioxolan-4-Yl] Methyl Methanesulfonate (Itraconazole Intermediate)	3.00
24	Dibenzo (B,C)(1,4)-Thiozepin-11(10h)-One (Quetiapine Intermediate)	3.00
25	Methyl-2-[4-(4-Chloro Butanol) Phenyl]-2 Methyl Propanoate) (Fexofenadine Intermediate)	4.00
26	Omeprazole Sulphide	8.00
27	Para Chloro Benzo Phenone	20.00
	Total	118.50

By-products:

S. No	Name of the product	Name of the By-product	Capacity Kg/day
1	Allopurinol	Ethanol	13.09
		Morpholine	211.53
		Ammonium sulfate	113.20

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2	Etoricoxib	Aluminium hydroxide solution (33%)	38.06
3	Levo Cetirizine Dihydrochloride	Tri ethyl amine hydrogen chloride	27.51
4	Losartan Potassium	Succinimide	24.13
		Trityl alcohol	53.23
		Sodium bromide	21.06
5	Pantoprazole Sodium	Sodium Di hydrogen phosphate	241.71
6	Phenylephrine Hydrochloride	Ammonium sulphate	433.33
		L-Phenylephrine Bitartrate	452.62
7	2-Chloromethyl-4-methoxy-3,5-dimethyl-pyridine Hydrochloride (Omeprazole intermediate)	Ammonium sulphate	426.53
		Sodium nitrite	78.02
		Sodium acetate	92.74
8	Cis-[2-(2, 4-Dichlorophenyl)-2-(1H-1, 2, 4-triazol-1-yl-methyl)- 1, 3-dioxolan-4-yl] methyl Methane sulfonate (Itraconazole Intermediate)	Triethylamine Hydrochloride	39.18
9	Methyl-2-[4-(4-Chloro Butanol) Phenyl]-2 methyl propanoate (Fexofenadine intermediate)	Aluminium hydroxide Solution)-33%	339.59
10	5-Methoxy-2-(4-Methoxy-3,5-Dimethyl-Pyridin-2-Ylmethylthio)-1h-Benzo[D]Imidazole (Omeprazole sulphide)	Ammonium sulphate	174.70
11	Para chloroBenzophenone	Aluminium hydroxide solution-33%)	817.16

Details of Utilities, Stacks & Air pollution control equipments after expansion:

S.No.	Utility	Stack Height (mt)	APCE
1	Coal fired Boiler: Existing: 3.0 TPH 1.0 TPH (Standby) Proposed: 6.0 TPH	30 m 35 m	Cyclone Separators followed by suitable pack of Bag filters.
2	Thermic Fluid Heater Existing: 2 Lakh Kl.Cal/hr. Proposed: 2 Lakh Kl.Cal/hr.	--	--
3	DG Sets: Existing: 1 x 125 kVA & 1 X 320 kVA Proposed: 1 x 500 kVA & 1 X 1000 kVA	Adequate height	Acoustic enclosure and Silencer

Details of Water requirement after expansion:

S. No.	Water required for	Water Input in KLD
1	Process	30.40
2	Washings	4.00
3	Boiler make up	53.00
4	Cooling towers make up	126.50
5	Scrubbing system	7.00
6	Domestic	16.50
7	Gardening	25.50
	Total	262.9

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Details of Effluent generation, treatment & disposal after expansion:

S. No	Effluent generated from	HTDS (KLD)	LTDS (KLD)	Total (KLD)	Treatment & Disposal
1	Process	33.39	0.28	33.67	Zero Liquid Discharge System ie., HTDS: Stripper, MEE & ATFD. LTDS: Biological ETP & RO. Treated effluent to be reused in cooling towers, Boiler make-up and Scrubbers.
2	Washings	0.00	4.00	4.00	
3	Boilers Blow down	0.00	8.00	8.00	
4	Cooling towers bleed off	0.00	14.00	14.00	
5	Scrubbing system	7.00	0.00	7.00	
6	Domestic	0.00	14.50	14.50	
	Total	40.39	40.78	81.17	

Details of Solid Waste after expansion:

S. No	Description	Quantity	Mode of Treatment / Disposal
1	Organic solid waste	3193 Kg/Day	Will be sent to Cement Industries
2	Spent Carbon	87 Kg/Day	
3	Solvent Distillation Residue	597 Kg/Day	
4	Inorganic Solid Waste	1485 Kg/Day	Will be sent to TSDF
5	ETP Sludge	50 Kg/Day	
6	MEE Salts	2942 Kg/Day	
7	Organic distillate from MEE Stripper	820 Kg/Day	Will be sent to Cement Industries
8	Used Oils	400 Ltrs/Annum	Will be sent SPCB Authorized Agencies for Reprocessing/ Recycling
9	Detoxified Containers	750 No's / Month	After Detoxification will be sent to SPCB Authorized Agencies.
10	Used Lead Acid Batteries	8 No's/ Annum	Send back to suppliers for buyback of New Batteries
11	Ash from boilers	11025 Kg/Day	Will be sent to Brick Manufacturers
12	Ash from Thermo pack Boilers	1050 Kg/Day	

After detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the unit, verify records and submit a report on the following:

- i) Distance of the industry from the nearest boundary of Patancheru and Bollaram Industrial Areas.
- ii) Project modification
- iii) Project cost
- iv) ZLD System & its adequacy
- v) ETP modifications
- vi) Products: Comparison of existing and proposed (which are going for expansion)
- vii) Verify Production details w.r.t. permitted for the past one year, as per ER-I.
- viii) Raw material: Comparison of existing and proposed (which are going for expansion)
- ix) Solid waste: Comparison of existing and proposed (which are going for expansion)
- x) Impact on surroundings
- xi) Applicability of S.O.804 (E), dt.14.03.2017 & S.O. 1030 (E) dt.08.03.2018 issued by the MoEF&CC, GoI.
- xii) Implementation of disaster management plan and safety measures in the existing project and proposed expansion.
- xiii) Greenbelt development

Members of Sub-Committee:

1. Sri *Suresh*
2. Sri *Vijaya Laxmi*
2. *Krishna Reddy*

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Agenda Item No. 27	M/s. Siflon Drugs Pvt. Ltd., Sy. Nos.: 152-155, J.P.Darga Road, Rangapur Village, Nandigama Mandal, Rangareddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/154722/2020 (EC)

The representative of the project proponent Sri Rama Krishna; and Sri Y.V. Prasad of M/s. Rightsource Industrial Solutions Pvt. Ltd. Hyderabad, attended and made a presentation before the SEAC.

The existing unit is permitted to manufacture Bulk Drugs & Intermediates with latest CFO vide order dt. 14.09.2016. It is proposed to expand the unit of Bulk Drugs & Intermediates in existing unit.

The SEAC examined the proposal as per the provisions laid under S.O.1223 (E), dt.27.03.2020 and considered the project under B2 Category.

The SEAC noted the contents of the EMP report and noted the details of the project after proposed Expansion as follows:

Total area is 16,794.45 Sq.m., out of which Green area is 5,940.80 Sq.m. (35.37%).

Nearest human habitation is Rangapur (V) @ 0.16 km; Nearest water body is near Rangapur @ 0.6 km from the industry.

Project Cost for proposed expansion is Rs. 4.0 Crores. Budget for Environmental protection towards Capital Cost is Rs. 51.0 Lakhs and Recurring Cost is Rs. 18.0 Lakhs/annum. Budget for CER is Rs. 4.0 lakhs in 5 years.

The details of Products, by-products & production capacity are as following:

S. No	Product Name	Capacity (TPM)
1	Albendazole	1.00
2	Closantel Base	8.00
3	Closantel Sodium	6.00
4	Diminazene Aceturate	1.00
5	Niclosamide	1.00
6	Praziquantel	1.00
7	Rafoxanide	1.00
8	Triclabendazole	2.00
9	Xylazine	1.00
	Total	22.00

Details of Utilities, Stacks & Air pollution control equipments after expansion:

S.No.	Utility	Stack Height (mt)	APCE
1	Coal fired Boiler: Existing: 1.5 TPH Proposed: 3.0 TPH	30 m 30 m	Cyclone Separator followed by suitable pack of Bag filters
2	DG Sets: Proposed : 1 x 500 KVA	Adequate height	Acoustic enclosure and Silencer

The process emissions containing Hydrogen Chloride, Sulphur Dioxide & Ammonia are to be routed through Multi Stage Scrubber system. The process emissions containing derivatives of Carbon dioxide & Oxygen are to be safely dispersed into the atmosphere. Further, the process emissions containing derivatives of Hydrogen are to be safely dispersed into the atmosphere through water column.

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Details of Water requirement after expansion:

S. No.	Water required for	Total (KLD)
1	Process	4.70
2	Washings	1.00
3	Scrubber	1.50
4	Boiler Feed	27.00
5	Cooling Tower	73.50
6	Domestic	9.00
7	Gardening	8.00
	Total	124.7

Details of Effluent generation, treatment & disposal after expansion:

S. No.	Effluent generated from	HTDS (KLD)	LTDS (KLD)	Total (KLD)	Treatment & Disposal
1	Process	4.97	0.28	5.25	Zero Liquid Discharge System ie., HTDS: Stripper, MEE & ATFD. LTDS: Biological ETP & RO.
2	Washings	0.00	1.00	1.00	
3	Boiler blow down	0.00	4.00	4.00	
4	Cooling bleed of	0.00	8.50	8.50	
5	Scrubber	1.50	0.00	1.50	Treated effluent to be reused in cooling towers, Boiler make-up and Scrubbers.
6	Domestic	0.00	8.00	8.00	
Total :		6.47	21.78	28.25	

Details of Solid Waste after expansion:

S. No	Description	Quantity	Mode of Treatment / Disposal
1	Organic Solid waste (Process Residue)	386 Kg/Day	Will be sent to Cement Industries
2	Spent Carbon	20 Kg/Day	
3	Solvent Distillation Residue	104 Kg/Day	
4	Organic distillate from MEE Stripper	80 Kg/Day	
6	Inorganic Solid Waste	28 Kg/Day	Will be sent to TSDF
7	MEE Salts	508 Kg/Day	
8	ETP Sludge	10 Kg/Day	
9	Used Oils	100 Ltrs/Annum	Will be sent to SPCB Authorized Agencies for Reprocessing/ Recycling
10	Detoxified Containers/ Container liners	200 No's / Month	After Detoxification will be sent to SPCB authorized agencies.
11	Used Lead Acid Batteries	2 No's/ Annum	Send back to suppliers for buyback of New Batteries
12	Ash from boilers	5512.5 Kg/Day	Will be sent to Brick Manufacturers

After detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the unit, verify records and submit a report on the following:

- i) Distance of the industry from the nearest boundary of Patancheru and Bollaram Industrial Areas.
- ii) Project modification
- iii) Project cost
- iv) ZLD System & its adequacy


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- v) ETP modifications
- vi) Products: Comparison of existing and proposed (which are going for expansion)
- vii) Verify Production details w.r.t. permitted for the past one year, as per ER-I.
- viii) Raw material: Comparison of existing and proposed (which are going for expansion)
- ix) Solid waste: Comparison of existing and proposed (which are going for expansion)
- x) Impact on surroundings
- xi) Applicability of S.O.804 (E), dt.14.03.2017 & S.O. 1030 (E) dt.08.03.2018 issued by the MoEF&CC, GoI.
- xii) Implementation of disaster management plan and safety measures in the existing project and proposed expansion.
- xiii) Greenbelt development

Members of Sub-Committee:

- 1. Sri *Siva Kumar*
- 2. Sri *Venkateshwar*
- 3. *Krishna Reddy*

Agenda Item No. 28	M/s. Mahalakshmi Laboratories Pvt. Ltd., Sy. No. 406, veliminedu Village, Chityal Mandal, Nalgonda District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/153666/2020 (EC)

The representative of the project proponent Sri Suresh; and Sri Y.V. Prasad of M/s. Rightsource Industrial Solutions Pvt. Ltd. Hyderabad, attended and made a presentation before the SEAC.

The SEAC noted that earlier M/s. VSK Laboratories Pvt. Ltd. obtained EC vide order dt. 30.01.2015. But, the proponent has not submitted a copy of Certified Compliance Report from the Regional Office of the MoEF&CC, GoI on EC conditions.

Subsequently, the unit changed its name to M/s. Mahalakshmi Laboratories Pvt. Ltd. through ROC on 09.01.2018. The unit obtained CFE vide order dt. 08.08.2019 to manufacture Bulk Drugs & Intermediates. It is proposed to expand the Bulk Drugs & Intermediates unit in existing unit.

The SEAC examined the proposal as per the provisions laid under S.O.1223 (E), dt.27.03.2020 and considered the project under B2 Category.

The SEAC noted the contents of the EMP report and noted the details of the project after proposed Expansion as follows:

Total area is 27,968.50 Sq.m., out of which Green area is 10,298.0 Sq.m. (36.82%).

Nearest human habitation is Pittampalli (V) @ 2.16 km; Nearest water body is Chinna vagu @ 5.94 km; Nearest RF is Chityal RF @ 4.25 km from the industry.

Project Cost for proposed expansion is Rs. 15.0 Crores. Budget for Environmental protection towards Capital Cost is Rs. 122.0 Lakhs and Recurring Cost is Rs. 20.0 Lakhs/annum. Budget for CER is Rs. 37.5 lakhs in 5 years.

The details of Products, by-products & production capacity are as following:

S. No.	Product Name	Capacity (Kg/Month)
1	[(5(S)-2-Amino-5-(N,N-(Dibenzyl Amino)-4- Oxo-1,6-Diphenyl Hex-2-Ene)]	2000
2	[Carbonic acid-4-nitrophenyl-5-thiazolyl methyl ester]	3000
3	5(S)-2-Amino-5-(N, N – (Dibenzyl Amino) -4 – oxo-1, 6-Diphenyl Hex-2-Ene (Lopinavir intermediate)	5000
4	4-(1-Hydroxy-1-methylethyl)-2-propyl-1H-imidazole-5-carboxylic Acid Ethyl Ester	10000
5	7-Ethyl tryptophol	25000

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6	ATIPA dichloride	10000
7	Atorvastatin Calcium Trihydrate	500
8	Azathramycin	10000
9	Carvedilol	2000
10	Clopidogrel Bisulfate	500
11	Dextromethorphan Hydrobromide	500
12	Domperidone	1500
13	Esomeprazole magnesium Trihydrate	3000
14	Etoricoxib	500
15	Fexofenadine Hydrochloride	300
16	Fluconazole	3000
17	Hydroxychloroquine sulfate	15000
18	Itraconazole	3000
19	Ketorolac Tromethamine	500
20	Levocetirizine Dihydrochloride	1000
21	Levosulpiride	2000
22	Lopinavir	5000
23	Losartan Potassium	200
24	Monomethyl fumarate	5000
25	Montelukast Sodium	300
26	Omeprazole	5000
27	Oseltamivir Phosphate	2000
28	Pantoprazole Sodium	5000
29	Phenylephrine Hydrochloride	2000
30	Pregabalin	500
31	Rabeprazole Sodium	2000
32	Racecadotril	3000
33	Repaglinide	500
34	Ritonavir	5000
35	Rosuvastatin Calcium	200
36	Tapentadol Hydrochloride	3000
37	Terbinafine Hydrochloride	3000
38	Ursodeoxycholic Acid	10000
	Total	150000

By-products:

S. No	Name of the product	Name of the By-product	Capacity (Kg/day)
1	Clopidogrel bisulfate	Triethylamine hydrochloride	21.50
		P-Toluene sulfonic acid	23.10
2	Domperidone	Ammonium chloride	72.90
		Sodium Bromide	22.00
		Sodium acetate	57.65
		Ammonium sulfate	51.30
3	Fluconazole	Ammonium nitrate	39.80
		Aluminium hydroxide solution (33%)	155.40
4	Lopinavir	Benzyl alcohol	95.75
		Monosodium citrate	352.70
		Potassium chloride	153.45

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5	Omeprazole	Ammonium sulphate	185.70
		Sodium nitrate	90.30
6	Oseltamivir phosphate	Tert butyl chloride	19.50
7	Pantoprazole sodium	Sodium dihydrogen phosphate	241.70
8	Phenylephrine hydrochloride	L-Phenylephrine Bitartrate	83.30
9	Pregabalin	Ammonium chloride	42.90
10	Rabeprazole sodium	Sodium acetate	38.65
		Acetic acid	28.30
11	Terbinafine hydrochloride	Potassium chloride	107.10
12	Ursodeoxycholic acid	Imidazole	73.00
		Disodium phosphate	169.90

Details of Utilities, Stacks & Air pollution control equipments after expansion:

S.No.	Utility	Stack Height (mt)	APCE
1	Coal fired Boiler: Existing: 5.0 TPH Proposed : 3.0 TPH	30 m 30 m	Cyclone Separator followed by suitable pack of Bag filters
2	Thermic Fluid Heater 1 Lakh Kl.Cal/hr.	--	--
3	DG Sets: Existing : 1 x 500 kVA Proposed : 1 x 500 kVA	Adequate	Acoustic enclosure and Silencer

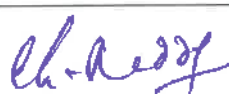
The process emissions containing Hydrogen Chloride, Hydrogen Bromide, Sulphur Dioxide, Hydrogen Iodide, Chloro methane, Dimethylamine & Ammonia are to be routed through Multi Stage Scrubber system. The process emissions containing derivatives of Carbon dioxide, Nitrogen, Oxygen are to be safely dispersed into the atmosphere. Further, the process emissions containing derivatives of Hydrogen are to be safely dispersed into the atmosphere through water column.

Details of Water requirement after expansion:

S. No.	Water required for	Total (KLD)
1	Process	30.77
2	Washings	5.00
3	Scrubber	4.50
4	Boiler Feed	47.00
5	Cooling Tower	21.00
6	Domestic	4.50
7	Gardening	15.50
	Total	128.27

Details of Effluent generation, treatment & disposal after expansion:

S. No.	Effluent generated from	HTDS (KLD)	LTDS (KLD)	Total (KLD)	Treatment & Disposal
1	Process	35.93	1.40	37.33	Zero Liquid Discharge System i.e., HTDS: Stripper, MEE & ATFD. LTDS: Biological ETP & RO.
2	Washings	0.00	5.00	5.00	
3	Boiler blow down	0.00	7.00	7.00	
4	Cooling towers bleed of	0.00	2.50	2.50	Treated effluent to be reused in cooling towers, Boiler make-up and Scrubbers.
5	Scrubber	4.50	0.00	4.50	
6	Domestic	0.00	4.00	4.00	
Total :		40.43	19.90	60.33	


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Details of Solid Waste after expansion:

S. No	Description	Quantity	Mode of Treatment / Disposal
1	Organic solid waste (Process Residue)	3972 Kg/Day	Will be sent to Cement Industries
2	Spent Carbon	143 Kg/Day	
3	Solvent Distillation Residue	750 Kg/Day	
4	Organic distillate from MEE Stripper	1240 Kg/Day	
5	Mixed solvents	126 Ltrs/Day	
6	Inorganic Solid Waste	539 Kg/Day	Will be sent to TSDF
7	MEE Salts	3710 Kg/Day	
8	ETP Sludge	65 Kg/Day	
9	Used Oils	200 Ltrs/Annum	Will be sent to SPCB Authorized Agencies for Reprocessing/ Recycling
10	Detoxified Containers/ Container liners	750 No's / Month	After Detoxification will be sent to SPCB authorized agencies.
11	Used Lead Acid Batteries	4 No's/ Annum	Send back to suppliers for buyback of New Batteries
12	Ash from boilers	9625 Kg/Day	Will be sent to Brick Manufacturers

After detailed discussions, the SEAC decided to constitute a Sub-Committee with the following members to inspect the unit, verify records and submit a report on the following:

- i) Distance of the industry from the nearest boundary of Patancheru and Bollaram Industrial Areas.
- ii) Project modification
- iii) Project cost
- iv) ZLD System & its adequacy
- v) ETP modifications
- vi) Products: Comparison of existing and proposed (which are going for expansion)
- vii) Verify Production details w.r.t. permitted for the past one year, as per ER-I.
- viii) Raw material: Comparison of existing and proposed (which are going for expansion)
- ix) Solid waste: Comparison of existing and proposed (which are going for expansion)
- x) Impact on surroundings
- xi) Applicability of S.O.804 (E), dt.14.03.2017 & S.O. 1030 (E) dt.08.03.2018 issued by the MoEF&CC, GoI.
- xii) Implementation of disaster management plan and safety measures in the existing project and proposed expansion.
- xiii) Greenbelt development

Members of Sub-Committee:

1. Sri *visaya Laxmi*
2. Sri *Suresh. ③ Krishna Reddy.*

Agenda Item No. 29	4.63 Ha. Colour Granite Mine of M/s. Mundlur Granites, Sy. No. 160, Bandlapally Village, Thirumalagiri Mandal, Suryapet District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIN/41498/2019 (EC)

Earlier, the SEAC in its meeting held on 10.01.2020 constituted a sub-committee to inspect the site, and submit report on present status of the project, impacts of the project on the nearest Village, waterbody and surrounding environment, specify additional TORs / environment measures to be taken by the project proponent, if any.

Ch. Reddy
CHAIRMAN, SEAC

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The Sub-Committee constituted by the SEAC inspected the site on 16.03.2020 and submitted the report. The following observations were made by the sub-committee members:

1. *Excavation work has not been started.*
2. *There are no neighbouring mines within 500 Mtrs.*
3. *The village Bandlapalli is at a distance of about 400Mtrs.*
4. *Bandlapalli cheruvu is located at about 70 Mtrs distance of the property.*
5. *The proposed excavation of the mine proceeds away from the waterbody and village.*
6. *Excavation of granite is by not using any explosives.*

No adverse impact is envisaged on the surrounding environment.

Clearance for the proposed mine may be given subject to the following conditions:

- A. *The excavation of the mine shall proceed away from the water body and village.*
- B. *Wet drilling shall be done.*
- C. *Use of explosives shall not be done at any stage.*
- D. *Garland trenches and silting pond shall be formed to avoid contamination of surrounding land water sources.*
- E. *Suitable measures shall be taken to prevent airborne dust particles.*
- F. *Existing plants in the non mining area shall be protected.*

Comply with all other conditions as presented to the SEAC

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 30	4.78 Ha. Colour Granite Mine by M/s. Kiran Exports, Sy.No.264/P, 265/P, 355/P, 356/P, 357/P, 359/P & 362/P, Kammarkahnpet village, Dharmaram Mandal, Peddapalli District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIN/36357/2019 (EC)

Earlier, the SEAC in its meeting held on 27.02.2020 constituted a sub-committee to inspect the site, and submit report on present status of the project, impacts of the project on the nearest Village, waterbody and surrounding environment, management of over burden, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 10.06.2020 and submitted the report. The following observations were made by the sub-committee members:

1. Present status of the mine

The Project has not yet started. The deposit is intact.

2. Distance of the nearest habitation from the proposed mine

The nearest village Kammarkhanpet Village, Dharmaram (M), Peddapalli District, Telangana, which is measured to be 210 meters (aerial distance) from the mining site.

The Peddapuram village tank is around 90 meters from the site.

No reserve forest in near surroundings. Agricultural fields are about 60 meters away from the lease area.

3. Impact of the project on human habitation, waterbody, RF and surrounding environment

Proposed mine for colour granite is surrounded by already existing mines. With the present mining activity being is by the wire saw cutting method, therefore, no blasting is involved. The proponent has to take measures so that it would not disturb the local environment.

Proponent should follow the controlled mining method approved as per the guidelines of Director of Mines Safety. The rock splinters and dust generated during the operations have to be contained by regular water spraying. The dust and waste management methods indicated in the proposal are sufficient to control the pollutants.


CHAIRMAN, SEAC

The nearby houses may not have any negative impact as the no blasting method of mining is followed and as such the village is more than 210 meters from the site.

Measures like Air pollution equipment need to be installed to arrest and restrict the spread of particulate matter.

Peddapuram tank is at a distance of 90 meters. It is a very big tank that serves three villages. The present lease area is towards the catchment side. Therefore, the fine dust and debris from the mining activity should be controlled and an undertaking to this effect needs to be submitted by the proponent.

As the mine is situated close to Peddapur tank, there is a chance of inrush of surface water into the mine or part, therefore adequate protection against such inrush shall be provided and maintained. Such protection is adequate or not can be determined by the Chief Inspector of Mines whose decision shall be final.

No reserve forest in near surroundings.

4. Green belt development

The proponent has developed scanty green belt in the previous lease area. The maintenance is poor. In the proposed lease area, it is only 0.164 Ha, which is 3.4% is not sufficient enough. The proponent has to leave at least 10% of the area as the greenbelt and it has to be developed fully with multiple varieties of local trees.

The following undertakings need to be submitted by the proponent:

- a) Mining should be done as stipulated by Director General of Mines Safety.*
- b) As the mine is situated close to Peddapur tank there is a chance of inrush of surface water into the mine or part, therefore adequate protection against such inrush shall be provided and maintained. Such protection is adequate or not can be determined by the Chief Inspector of Mines whose decision shall be final.*
- c) The proponent should follow the rules and instructions of DGMS from time to time.*
- d) Construction of retention wall towards the tank side to limit the mining activity as well as protecting inrush of water during the rainy season.*
- e) Regular de-watering of the working pits to be carried out.*
- f) Construction of the garland drains.*
- g) Dumping ground should be well protected. In no case the debris should be diverted towards the tank.*
- h) Develop a green belt as per the norms.*
- i) Construction of the approach road.*
- j) Install the air pollution equipment and sprinkling of water.*

Recommendations:

As such there is no adverse effect on the surrounding environment due to the project if the above conditions are met with and the undertakings are submitted by the proponent. Since the habitation is around 1500 meters from the project site, it is safe and would not disturb the habitat. Water body is more than 90 meters away (towards the catchment side), therefore, there would not be any adverse effect. The items listed a to d (under the heading, undertakings) need to be included in E.C, as conditions.

Environmental Clearance may be given to the project with the above conditions and undertakings.

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The SEAC examined the report of the Sub-Committee & undertaking submitted by the proponent. After detailed discussions, the SEAC recommended the project for issue of EC with the following specific conditions:

- Mining should be done as stipulated by Director General of Mines Safety.
- As the mine is situated close to Peddapur tank there is a chance of inrush of surface water into the mine or part, therefore adequate protection against such inrush shall be provided and maintained. Such protection is adequate or not can be determined by the Chief Inspector of Mines whose decision shall be final.
- The proponent should follow the rules and instructions of DGMS from time to time.
- Construction of retention wall towards the tank side to limit the mining activity as well as protecting inrush of water during the rainy season.

Agenda Item No. 31	M/s. Astha Power Corporation Private Limited, Sy. No. 280, 281, 282 & part of 256, Pashamylaram (V), Patancheru (M), Sangareddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/THE/37070/2017 (MODI-EC)

Earlier, the SEAC in its meeting held on 28.10.2019 constituted a sub-committee to inspect the site and submit report on area of greenbelt (proposed and developed), present status of the project, impacts of the project on surround environment.

The Sub-Committee constituted by the SEAC inspected the site on 09.06.2020 and submitted the report. The following observations were made by the sub-committee members:

Members travelled to M/s. Astha Power Corporation Private Limited, TSIIC, IDA Pashamylaram, Sangareddy District, Telangana along with the representatives of the Proponent on 9th June 2020. They showed the records pertinent to the previous EC and described about the site.

1. Present Status: *The following works have been completed as on date.*

Civil Works:

*Main Plant Building along with associated Facilities
Plant Employees Quarters and Guest House
Boundary Wall
Administrative Building
Fire Water Building*

Mechanical Works :

*2Nos Gas Based Engines 8.72MW capacities each
Installation of Chimney
Gas Supply Terminal Facilities.(Despatch and Receiving Terminal)
Laying of 8"dia, 15.0Kmlengthpipeline*

Electrical Works:

*Transformer 11KVA/132KVA
SwitchYardconnectivityfromTransformer
Installation of MV Switch Gear
Cooling Towers*

2. Area of the green belt(Proposed and developed):

Green belt cover at present is around 10% only. However they had earmarked 4.5 acres which is about 33% of the plot area. The management has developed good tree cover around the staff quarters and administrative block but the plant side is very poor. In the middle of the plot wild growth of vegetation is seen and that indicates with good efforts green canopy can be developed.

3. Impacts of the proposed expansion on nearest human habitation, surrounding environment

Impacts of air Quality

The additional impacts of air quality due to the proposed 6 gas fired engines need to be controlled. The modeled results indicated marginal increase in the ambient air quality parameters however they would be within the permissible limits.

Impacts on water resources

No impact on water quality is anticipated as the unit proposed primary treatment of cooling water and proposing to re-use. The wastewater generated during cooling from the proposed processes will be reused.

Impacts on Ecology

There are no endangered flora and fauna in the impact area. Further it is proposed to increase the green belt area up to 33% with expansion activity. Thus there will be positive impact on the environment.

Impacts on Socio Economy

The project generates additional jobs as direct and indirect employment that would help the local people.

Undertakings to be submitted by the Proponent:

- 1. Green belt should constitute 33% as proposed. Clear demarcation of green belt should be given in the revised plan*
- 2. Control of CO and Air particulate dispersion especially should be restricted. Explain the methodology being proposed. Both need to be within the CPCB prescribed guidelines.*
- 3. Revised Budget estimates regarding the capital equipment and operational expenditure pertaining to pollution control*
- 4. Plantation needs to be done all along the boundary.*
- 5. Along the approach road to the factory and also along the internal roads, avenue plantation needs to be developed.*
- 6. Rain water harvesting structures to be developed in the factory and surrounding area.*
- 7. CER funds to be earmarked exclusively and spent in near by villages*
- 8. Employment opportunities need to be given to the local deserved people.*

Recommendations:

With the above undertakings in place, impact of the project on surrounding environment is not affected. Recommended for issue extension of EC as requested.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC decided to inform the proponent to submit Undertaking on above issues mentioned by the Sub-Committee.

Agenda Item No. 32	Fulfillment Center @ RGIA by M/s. GMR Hyderabad Aerotropolis Limited (GHAL), Survey No. 99/1, Mamadipalli, Balapur Mandal, Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/134418/2019 (MODI-EC)

Earlier, the SEAC in its meeting held on 19.02.2020 constituted a sub-committee to inspect the site and submit report on present status of the project, EMP measures being implemented, adequacy of environmental measures proposed by the proponent, impacts of the project on the surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 13.06.2020 and submitted the report. The following observations were made by the sub-committee members:

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1. **Present Status:** *The following works have been completed as on date.*

Project work has yet to be started. This is an expansion of the old project for which the proponent has valid EC.

2. **EMP measures being implemented:**

Green belt cover at present is well developed and maintained. Installed STP of 70KLD is fully functional and serving the purpose. DG sets are functional and supporting. As part of the Electricity saving the installed Solar panels are producing electricity and supplying to the fulfilment center. All around the warehouse, energy saving lights are fitted as indicated in the earlier proposal. Air, water and noise pollution control equipments are installed and fully functional. Handling of soild and liquid waste is satisfactory.

3. **Adequacy of the environmental measures being proposed**

Environmental measures being proposed include a) Installation of additional 120 KLD STP and b) Replacing old DG sets with new 1010 kVA x 3 and 1250 kVA c) Additional water requirement Environmental measures proposed to treat additional waste water generation are sufficient with installation of 120 KLD. Similarly the proponent is replacing with state of the art new DG sets and it would not increase any air pollutants load. Present air control equipment is sufficient. Additional solid waste the proponent is handing over to the authorized agencies it is also sufficient. The proposed environmental measures being proposed are adequate.

4. **Impacts of the proposed expansion on nearest human habitation, surrounding environment**

Impacts of air Quality

No impacts of air quality due to the proposed DG sets are anticipated.

Impacts on water resources

No impact on water quality is anticipated as the proponent is installing additional 120 KLD STP. Treated water is proposed for sanitary purpose and development of green belt.

Impacts on Ecology

There are no endangered flora and fauna in the impact area. Further it is proposed to increase the green belt area as suggested during the visit. Thus therewill be positive impact on the environment.

Impacts on Socio Economy

The project generates additional jobs as direct and indirect employment that would help the local people.

Undertakings to be submitted by the Proponent:

1. *Revised Budget estimates regarding the capital equipment and operational expenditure pertaining to environmental management budget estimates*
2. *Plantation needs to be done all along the boundary.*
3. *CER funds to be earmarked exclusively and spent in nearby villages*
4. *Employment opportunities need to be given to the local deserved people.*

Recommendations:

With the above undertakings in place, impact of the project on surrounding environment is not affected. Recommended for issue of EC as requested.

The SEAC examined the report of the Sub-Committee & Undertaking submitted by the proponent duly revising the EMP Budget. The revised EMP Budget towards capital cost: Rs.133.9 lakhs during construction phase and Rs.6.9 lakhs during occupation phase, recurring cost: Rs.5.2 lakhs/annum during construction phase and Rs.47.4 lakhs/annum during occupation phase.

After detailed discussions, the SEAC recommended the project for issue of Amendment to EC.

Agenda Item No. 33	9.90 Ha. Rough Stone & Road Metal Sand Mine of Sri M.Koteswara Rao, Survey No. 345 Girmapur Village, Medchal Mandal, Medchal Malkajgiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIN/49678/2020 (TOR)

Earlier, the SEAC in its meeting held on 20.02.2020 constituted a sub-committee to inspect the site and submit report on present status of the project, impacts of the project on nearest, RFs, water body, human habitation, surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 01.06.2020 and submitted the report. The following observations were made by the sub-committee members:

Present Status of the project

The proponent has not yet started the mining in the mining area.

- 1. Type of Land:*** It is a rocky mountain with very little flora.
- 2. Ownership:*** Govt land is on lease for 20 years.
- 3. Site Location / Boundaries / Habitation/ Etc:*** The distance between the mine boundary to the village Grimapur existing at a distance of more than the required distance., hence there is no impact of the proposed project on the human habitation, there are no crop plat fields exists adjacent to the mine lease area therefore massive greenbelt plantation is required around the boundary of the mining site and also garland and siltation pond are compulsory requirements.

Nearest Water Body:

- 4. Existence of streams and water body near/ in mine lease area;*** This is a new mine, the water lagoons are occurring side by mine lease area which are old mines in the mine pits the water lagoon are appearing. The water body/pond appeared in the Google map and also from Ariel view is 400 mts away from the lake edge, which is more than the required distance from the lake boundary.

Nearest Forest

This is a new mine near 50 mts away from the Dadilpur and Gudavalli RF and Kanukunta RF and Ellampet are there with in the 10 kmts of radius. The forest boundary appeared in the Google map and also from Ariel view is 60 m away from the forest edge hence the authorities given the concern to leave 10 mts more leading to 60+10= 70 mts away from the edge of the forest.

- 1. Road Connectivity:*** The C.C road is existing near to the mine area but the remaining approaching road is clay road therefore road maintain is essential, however much big tree plantation is needed around the mine lease area.

Adequacy of Proposed EMP Measures

- 5. Impact Of The Mining:*** The project proponent proposed for garland drain and siltation pond to arrest siltation. The impact on human habitation is not there because there is no human habitation/houses, but a little scrub jungle is on the approaching road, hence road side plantation is essential. Green belt development is also essential because the surrounding mines are encircled by the same industries, hence to stop the dust rising, the massive plantation is essential
- 6. Plantation:*** The plantation is not done by the previous proponent at the periphery of the mining boundary, hence now the present proponent has to do massive plantation around the mining area because the mining area is attaché to the crops fields of the nearby villages. If plantation is not done the dust generated will fall on the leaf of the crop there by the sun light penetration will be stopped due to that the photosynthesis will get effected which leads to loss of productivity.
 - 1. The approach road is not good and no metal road available hence plantation along the approaching road is essential.***

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2. There is reserve forests located near the site area.
3. Green belt development is essential because the surrounding of the mine is encircled by the same type of the mines, hence to stop the dust rising, the massive plantation is essential.

Environmental Clearance may be issued subject to proponent giving an undertaking to fulfill the conditions proposed in the inspection report.

The SEAC examined the report of the Sub-Committee. After detailed discussions, the SEAC recommends to prepare EIA report as per the Standard Terms of Reference (TORs) issued by the MoEF&CC, GoI for "Mining of Minerals", undergo the process of public hearing in consultation with TSPCB and submit final EIA report along with Undertaking on issues as sought by the Sub-Committee, minutes of public hearing & response of the proponent to the issues emerged in the public hearing to the SEAC for appraisal.

Agenda Item No. 34	M/s. Infosys Limited (referred as INFOSYS) (Formerly Infosys Technologies Limited) have developed an IT SEZ Project at SY.No. 44, 45(P), 48, 49, 50(P), 51 & 54, 36(part) & 41 (part), Pocharam (V), Ghatkesar, (M), Medchal Malkajgiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/NCP/49280/2019 (TOR)

Earlier, the SEAC in its meeting held on 31.01.2020 constituted a sub-committee to inspect the site and submit report on present status of the project, EMP measures being implemented, adequacy of environmental measures proposed by the proponent, impacts of the project on the surrounding environment, specify any additional TORs, if any.

The Sub-Committee constituted by the SEAC inspected the site on 10.03.2020 and submitted the report. The following observations were made by the sub-committee members:

1. SUBJECT: PROPOSED FOR THE EXPANSION OF INFRASTRUCTURE AND BUILDINGS IN THE EXISTING PROJECT PREMISES.

BACKGROUND OF THE PROJECT: The total plot area of the Project is 447.075 acres. The Land was acquired by Infosys from the then Andhra Pradesh Industrial Infrastructure Corporation Limited (APIIC). The Environmental Clearance was earlier issued to the Project by SEIAA – AP vide SEIAA/AP/RRD-75/2008–298 dated 08.05.2009 for development of IT Park with a total built up area (BUA) of 540884.75 Sq.m in an Area of 150.23 acres. Infosys has developed PARCEL - 1 with a BUA of 387,737.35 Sq.m in a Plot area of 117.23 acres within a Plot area 150.23 acres. **SUMMARY OF AREA (PARCEL-1)**, the approved area is 150 Acres (Plot area.), the built up area is 540.884.75 sq.m, the construction completed is 387,737.35 sq.m. The Consent for Operation of the Project was renewed by TSPCB vide CFO order No. 190521875609 dated 29.05.2019 and is valid upto 31.08.2020.

2. **THE PROPOSAL DETAILS ARE AS FOLLOWS :** Infosys proposes to expand the Project by constructing additional facilities with a total Built up area of 385,565.02 Sq.m under PARCEL-2 in two Phases. The Expansion Project proposed to be developed in an area of about 329.845 acres, within the overall plot area 447.075 acres. The estimated Cost of the Expansion Project is Rs 2,500 Crores.

SUMMARY OF AREA EXISTING BUILDING CONSTRUCTED AREA AND THE PROPOSED CONSTRUCTION OF PROJECT (PARCEL-1 & PARCEL-2)

PARCEL	Plot Area (Acres)	Built up Area (Sq.M)	Remarks
1	117.23	387737.35	Existing Project
2	329.845	385565.02	Proposed Expansion
Total	447.075	773302.37	

3. **Consultancy Accompanied:** 1. Proponent : Infosys and the 2. Consultant , B S Enviro Tech Pvt. Ltd. Hyd

4. **Date of Inspection** –10.03.2020

A. IMPACT ON THE NEAREST VILLAGES AND HUMAN HABITATION.

5. **There is no any village exists near the Infosys campus.** The project name is **M/s INFOSYS LIMITED (INFOSYS)**, submitted a proposal for expansion of their Pocharam IT SEZ Campus.

6. **Date of inspection** by us of the sub- committee on 10/03/2020 forenoon.

B. FOREST AND NEAREST WATER BODIES

7. **Type of Land:** **TERRESTRIAL FOREST with an area of 51.718 ACRES.**

A. GREENBELT DEVELOPED: Infosys has developed a lush Green Belt and Landscaping in about 60% of the Project area. The Green Belt is developed with local species and has a Mango Orchid and Guava Orchid. The details of the Green Belt are as below.

i. Green Belt Developed area is : 2,09,295.87 Sq.m (51.718 Acres)

ii. No. of Trees Planted: 80,727.

Infosys is also a active participant in the Haritha Haram Scheme of Government of Telangana. The Green Belt has improved the Biodiversity of the Region.

The vigorous plantation converted in to TERRESTRIAL ECOSYSTEM. Alarming notice: Immediately arrange the system of “**AUTOMATIC STOPPAGE OF FOREST FIRE SYSTEM**” in the forest area of infosys then only the big forest will be saved from the forest fires. The natural or unknowingly or knowingly occurring summer fires will create dangerous situation in the beautiful campus which leads to eradication of many plant species. In India people are not that much aware of the environmental concern. If the forest fire occurs then there will be a tragedy like that of Australia, therefore at a war footing level you should arrange the “**AUTOMATIC STOPPAGE OF FOREST FIRE SYSTEM**”. Because it is the national wealth which you have developed with great efforts. **Forest boundary:** There is big wall of forest boundary is present.

8. **NEAREST WATER BODIES: .Aquatic Ecosystem;**

There is no any water body near the project site or in the project area, but the authorities have developed a beautiful rain fed water bodies which are now dried due to summer months.

9. **Occupancy / Ownership:** The Land was acquired by Infosys

10. WATER MANAGEMENT

II. Water Consumption/Requirement– (As per PCB Standards) – 1308 KLD

III. Sewage Treatment Plant – Existing STP's (1100 +400) = 1500 KLD

The STP based on MBBR technology supplied by GE is working with an efficiency of 95 - 98%

11. STORM WATER MANAGEMENT:

The Infosys has developed a robust Storm water drain system within the campus. The rain fed artificial Lakes and Reservoirs are created within the Campus which were active as Rain water Harvesting Systems in rainy seasons. These efforts of Infosys has been increased the Ground Water Level of the region. But these rain fed artificial Lakes and Reservoirs are dried in the summer months. The dryness is due to continues seepage of the water in to the ground from the rain fed water bodies hence it is suggested to apply the cement on floor of the artificial Lakes and Reservoirs, so that the Aquatic Ecosystem will develop in that will be a **BEAUTIFUL POND ECOSYSTEM**. The pond ecosystem will there by many aquatic flora and fauna and aquatic birds will stat ive a face-lifting to the Infosys. The check dams developed are beautiful for mine electricity generating system in near future is also possible.

12. THE SEWAGE TREATMENT PLANT(STP)

The SPT is working but treated water in almost all the western formulations could not give the good treated water because it contains heavy metals, fungi, pathogenic bacteria, nitrogen, ammonia and phosphorous. This is what the supreme court concerned even the world level concern is for this only is therefore you have to search for the best STP treatment process. The Total dissolved solids also must be reduced further because the total TDS is more after treatment. This water will go away in to the surrounding area by percolation when you use for plantation thereby your ground water will get increase of the heavy metal content with in short period, therefore it is better to shift to any other process which gives better results.

13.SOLID WASTE MANAGEMENT

STP Sludge treatment:

The STP Sludge treatment Plant has installed a 2.7 TPD capacity Solar Sludge Drying bed to treat the sludge generated from the STP. The STP Sludge treated is further treated for the conversion in to Manure, thus generated Manure is used for Green belt Development.

VII.Organic Waste: *All organic waste is properly collected and treated in house.*

A 1. TPD Organic Waste Converter, treats the waste from Food Court and Garden waste. The compost is utilized for Green Belt Development.

A 2. TPD capacity Bio Gas Plant, generates Bio Gas from Food Waste. The Bio Gas thus generated is utilized in the Kitchen of the Food Court.

VIII.Inorganic Waste: *All the Non Hazardous Dry waste is properly collected, segregated, stored in the waste Management Yard before disposing to authorized recyclers*

IX.Hazardous Waste: *All the Hazardous Dry waste is properly collected, segregated, stored in the waste Management Yard before disposing to authorized recyclers*

14.ELECTRIC POWER CONNECTION AND SOLAR ENERGY GENERATION.

IV. *Connected Load: 12 MW and the Consumption : 2200 MWh per month.*

IV. *There is a huge solar power generation panels area installed*

V.EMERGENCY STANDY BY POWER (DG Sets) –

CPCB Type Approved DG Sets of capacities 2x2000 kVA & 2x 3000 kVA. Were installed.

15.SOLAR POWER

Infosys has developed a 6.56 MW Solar PV Captive Plant within the Project Site, which is generating about 11 million units of power per year, thereby contributing to reduction of 9800 tonnes of CO₂ per year. In addition to the above, Infosys has also developed 1164 KWP Roof Top Solar PV System.

C. SURROUNDING ENVIRONMENT,

16. Road connectivity: *A Good metal road is connected to the city and also to the other areas from the Infosys*

17. Inter state boundary: *It is not connected with the interstate boundary.*

18.Wind direction: *The wind direction is west- east in rainy season – which will be opposite in summer season.*

19. Present status of Project. *There is no activity going in the proposed project site area.*

Note: *The Infosys approach for the Environmental protection is appreciative hence Environmental Clearance can be issued.*

The SEAC examined the report of the Sub-Committee. After detailed discussions, the SEAC recommends to prepare EIA report as per the Standard Terms of Reference (TORs) issued by the MoEF&CC, GoI for "Township & Area Development Projects" and submit EIA report.

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Agenda Item No. 35.1	M/s. RR Laboratories, Plot No: 205 & 206, Phase – II, IDA Pashamylaram, Patancheru (M), Sangareddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/40374/2019 (TOR)

Earlier, the SEAC in its meeting held on 28.10.2019 constituted a sub-committee to inspect the unit, verify records and submit a report.

The Sub-Committee constituted by the SEAC inspected the site on 23.01.2020 and submitted the report on 16.06.2020.

But, meanwhile keeping in view of the S.O.1223 (E), dt.27.03.2020, the proponent submitted EC application for proposed expansion of the project under B2 Category. The proposal was examined by the SEAC in its meeting held on 23.05.2020 and noted that the sub-committee constituted by the SEAC has not yet submitted the report. Hence, the SEAC earlier informed the same sub-committee to inspect the unit, verify records and submit report. The SEAC earlier deferred the EC application of the project for consideration after receipt of Sub-committee's report.

In view of the above, as the EC application for same project is being considered separately under B2 category as per S.O.1223 (E), dt.27.03.2020, the SEAC recommended to return the TOR application.

Agenda Item No. 35.2	M/s. RR Laboratories, Plot No: 205 & 206, Phase – II, IDA Pashamylaram, Patancheru (M), Sangareddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/152686/2020 (EC)

Earlier, the proponent submitted EC application for proposed expansion of the project under B2 Category, keeping in view of the S.O.1223 (E), dt.27.03.2020. The proposal was examined by the SEAC in its meeting held on 23.05.2020 and noted that the sub-committee constituted by the SEAC on 28.10.2019 for the same project applied in EC has not yet submitted the report. Hence, the SEAC earlier informed the same sub-committee to inspect the unit, verify records and submit report. The SEAC earlier deferred the EC application of the project for consideration after receipt of Sub-committee's report.

Accordingly, the Sub-Committee constituted by the SEAC inspected the site on 23.01.2020 and submitted the report on 16.06.2020.

The following observations were made by the sub-committee members:

1. Project Modification:

RR Laboratories is an existing Bulk Drug Intermediates Manufacturing Unit at Plot Nos: 205 & 206, Phase-II, IDA Pashamylaram, Patancheru (Mandal), Sangareddy (District), Telangana State.

The company proposed for expansion of existing Bulk Drug Intermediates Manufacturing Unit (33.45 TPM) to Bulk Drugs & Intermediates Manufacturing Unit (62 TPM).

Land Details:

The industry is established in an area of 1.927 Acres (7800 Sq. m) and for the proposed expansion there is no additional land is proposed as the existing land is sufficient for the proposed expansion.

Building & Civil Works:

Presently the unit is having a production blocks, Utility block and Solvent tank area. The existing civil buildings are sufficient to manufacture the proposed products by altering/ adding some equipment and proposed for erection & installation of MEE & ETP area.

2. Project Cost:

The unit is proposing to invest an additional amount of Rs. 10 Crores towards its expansion. In the proposed amount of Rs. 10 Crores an amount of Rs. 2.0 Crores towards EMP budget and the balance is for the proposed Reactors, Cooling Towers (1 x 250 TR & 1 x 100 TR), Generator (250 KVA X 1 No), Boiler (3.0 TPH – 1 No) & MEE Plant.

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3. ZLD System and its adequacy:

The unit is proposing a ZLD system which consists of HTDS and LTDS effluent processing systems. Details of the proposed ZLD system are as per the Annexure-I.

4. ETP Modifications:

Earlier the unit is sending its HTDS effluent to the MEE of M/s. JETL, Jeedimetla for evaporation and LTDS effluent to the CETP of M/s. PETL, Patancheru and now the unit is proposing to have ETP as mentioned in the ZLD system. Details are Enclosed as Annexure-I.

5. Products: Comparison of existing and proposed [which are going for expansion]:

Earlier the unit is manufacturing Bulk Drug Intermediates with a capacity of 33.45 TPM. Now proposes to manufacture Bulk Drugs & Intermediates 62 TPM and details are provided in Annexure-II.

6. Verify Production details w.r.t. permitted for the past one year, as per ER-I/GST:

The unit is manufacturing the permitted Bulk Drugs & Intermediates with the permitted quantities.

7. Raw material: Comparison of Existing and Proposed [which are going for expansion]:

Details of existing raw materials and proposed Raw Material are provided in Annexure-III.

8. Solid Waste: Comparison of Existing and Proposed [which are going for expansion]:

Details of existing and proposed Solid waste are provided in Annexure-IV.

9. Impact on surroundings:

As the unit is proposing ZLD system to treat the generated effluent and recovered water will be reused in the plant operations. The generated hazardous and solid wastes are being sent to TSDF and to the Cement industry. Flue gases from boiler will be dispersed through a 30 mtr height chimney and multi-cyclones separator and all the gaseous emissions from the process are scrubbed by using suitable media in the scrubbing system, hence, there will not be any impact on the surrounding.

10. Applicability of S.O. 804 (E), dt: 14.03.2017 & S.O. 1030 (E), dt: 08.03.2018 issued by the MoEF&CC, GoI.

The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.

11. Implementation of disaster management plan and safety measures in the existing project and proposed expansion.

Disaster management plan and safety measures submitted along with EMP report.

12. Greenbelt Development

RR Laboratories is in an area of 7800 Sq. m out of which 34.19% (2666.72 Sqm) is allocated for Greenbelt development area. Total No. of Plants to be planted is about 400 Nos. Budget for greenbelt development is Rs. 5.0 Lakhs.

13. Justification of project w.r.t. G.O.Ms. 95, dt: 21.09.2007; G.O.Ms. No. 64, dt: 25.07.2013; & G.O.Ms. No. 24, dt: 24.04.2019.

With reference to the G.O.Ms. No. 95 dt. 21/09/2007, the IDA, Pashamylaram is under ban for the new and expansion of Bulk Drug units. But as per the G.O.Ms. No. 64, Dt. 25/07/2013, there is a relaxation for the expansion of existing Bulk Drug and Intermediate manufacturing subject to establishment of ZLD system. Hence the unit has proposed to establish a ZLD system for the proposed expansion.

According to G.O.Ms. No. 24, dt. 24.04.2019, the unit has to pay Corpus fund at the time of CFE.

WATER POLLUTION CONTROL / MANAGEMENT

The effluent generation is from process, DM water, boiler blow down, cooling towers bleed off, Scrubbing System, washings and Domestic sections.

- Water shall be recycled to reduce the impact and the industry will implement the **Zero Discharge of Waste Water [ZLD System]**.
- Process effluent will be segregated based on TDS concentration and collected separately by gravity from all sources into a collection Pit.
- Collected waste water will be pumped in to the above ground level tanks separately.
- The unit will provide Wastewater Treatment Plant (ETP) to treat the trade effluent

Treatment system

- The effluent will be neutralized, the HTDS effluent will be sent to steam stripping Column for collection of solvents which are dissolved in the waste water stream. After stripping effluent will be sent to Double effect Evaporation system which contains 3 Calendrias.
- The concentrate from the MEE System will be sent to ATFD and salts from the ATFD will be collected and sent to TSDF for safe disposal.
- The condensate from DEE will be sent to biological treatment followed by RO system for further process.
- The LTDS effluent will be sent to Biological treatment followed by RO system along with the Condensate from the MEE.
- The RO permeate will be reused and RO reject will be sent to MEE for further evaporation.
- All the treatment tanks etc. is constructed / installed only with acid proofing and 1.5 to 2.5 meters above the Ground Level.
- In addition Rain Water Harvesting System will be put in practice to recharge the ground water aquifers.
- Impact on water quality is negligible

Strategic control / Management

- Minimizing of water use.
- Segregation and collection philosophy for effluent to minimize waste generation and facilitate treatment as well as recycle and reuse.
- Reducing the actual process water consumption by way of improvement in operation of processing units.

RECOMMENDATION

Based on the above reasons, the EC maybe granted.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 36	Phoenix Living Spaces Pvt. Ltd. (Earlier Phoenix Infocity Pvt. Ltd.) (Expansion of Residential cum Hotel cum Office Complex) Sy. No. # 27/1, 27/2, 27/3 & 27/4, Nanakramguda Village, Serilingampally Mandal, Rangareddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/46499/2019 (EC)

Earlier, the SEAC in its meeting held on 06.12.2019 constituted a sub-committee to inspect the site, verify records and submit report on present status of the project, implementation of existing project w.r.t. EC issued earlier, impacts of the project on surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 04.01.2020 and submitted the report. The following observations were made by the sub-committee members:

Observations and Recommendations: The following observations were made by the members during the site visit.

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- SEIAA, TS issued EC vide order no. SEIAA / AP / RRD - 122 / 2009-1383 dt 29.06.2010 for the project with total built up area of 1,93,314.69 Sq.m.
- The proponent proposed to enhance the built area from 1,93,314.69 Sq.m to 2,03,669.47 Sq.m.
- Risk assessment report, disaster management plan and fire safety measures as per the TOR of EIA report were submitted along with certified compliance report dated 12-10-2018 issued by the Regional office of MoEF& CC, Chennai.
- It is noted that the total built up area of the project after expansion is 2,03,669.47 Sq.m* consisting of IT building (B + G + 8 upper floors), 2 Residential Blocks 1 & 2 (3 B + S + G + 29 upper floors), Office building (3 B + S + 24 upper floors), Hotel (2B + G + 2 service trough + 15 floors), Club house for residential complex (3B + S + 3 floors + terrace)
- During the site visit, it is observed that IT building and Hotel building are under operation and Office building is under construction for which EC has been granted earlier.
- The present proposal is for increase in no. of floors of Office building from 22 to 24 and for construction of Club house for residential complex.
- As the construction is in progress, proposed EMP measures are yet to be implemented. However, during the construction, PPE and OHS are being implemented.
- Sub - committee members informed the proponent to duly adhere to the guidelines / rules / regulations as mentioned in the provisional NOC issued by the State Disaster Response and Fire Services Dept., Govt of Telangana.
- In view of the consent given by the proponent for proper environmental measures, the proposed project may not affect the surrounding environs, as it is in the commercial zone.
- Based on the assurance given by the proponent for implementation of environmental measures it is recommended to issue the Environmental Clearance for the expansion project.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 37	4.00 Ha. Black Granite Quarry of M/s. Kalidindi Granites, Sy. No. 147, Irigantipally (V), Kanagal (M), Nalgonda District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIN/41858/2019 (EC)

Earlier, the SEAC in its meeting held on 10.01.2020 constituted a sub-committee to inspect the site, and submit report on present status of the project, impacts of the project on the nearest waterbody, Village and surrounding environment, specify additional TORs / environment measures to be taken by the project proponent, if any.

The Sub-Committee constituted by the SEAC inspected the site on 04.06.2020 and submitted the report. The following observations were made by the sub-committee members:

- The status of the mine is fresh and a pond is located adjacent (<100 meters) to the mine area.
- The village Irigantipally is at a distance of > 0.5 km and in contrast to developmental activities and impact on human habitation is insignificant.

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- *Suggested to maintain the existing vegetation if any, and grow the avenue plantation all around the mine lease area to compensate the loss of biodiversity.*
- *The documents of the lease were verified and ascertained that, there is no quarry leases falling within 500mts of the proposed quarry lease area.*
- *The photos of the present status of the project herewith enclosed.*

Environmental Clearance may be issued subject to the compliance of conditions proposed in the presentation to the SEAC.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 38	M/s. Peddi Mohan Reddy Godowns, Survey No. 562P and 563/P, Goudavelle (V), Medchal (M), Medchal Malkajgiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/137426/2020 (EC)

Earlier, the SEAC in its meeting held on 20.02.2020 constituted a sub-committee to inspect the site and submit report on present status of the project, details of goods to be stored & impacts of the project on surrounding environment, parking details, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 21.05.2020 and submitted the report. The following observations were made by the sub-committee members:

1. *Proponent has started work as per earlier approved plan, which is having built up area less than 20,000 sq.m and does not come under Environment Clearance Purview. No violation was observed at site.*
2. *Proponent provided sufficient storage area for goods storage. Hence, no adverse impact on surrounding environment envisaged.*
3. *Proponent has provision for sufficient area for parking and road development.*
4. *Proponent has done some plantation all along the boundary and in open space. Mr. Pratap Reddy informed us after completion of the major project activity, more plantation will be taken up due to large open area availability.*
5. *No nala or stream passing through the plant site.*
6. *No water body is present adjacent to site.*
7. *We asked for the MOU between Proponent and other party. He provided the document at site.*
8. *Overall project proponent is following all environmental norms. Hence no major impact observed on surrounding environment.*

Suggestions given by SEAC Members

1. *Rainwater harvesting structure should be provided as per details given in EMP.*
2. *CER budget should be used for community as per details given in EMP.*
3. *More plantation should be done in Available area*
4. *STP should be provided as per details are given in EMP.*

Recommendation

During site meeting proponent agreed to follow the all suggestions given by the committee members and assured us that he will follow the Environmental Norms. Due to the above reasons, the EC maybe granted.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

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Agenda Item No. 39	M/s. Viana Homes Pvt. Ltd., Sy No. 89/A, 89/A1 & 89/A2 at Kokapet (V), Gandipet (M), Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/139668/2020 (EC)

Earlier, the SEAC in its meeting held on 20.02.2020 constituted a sub-committee to inspect the site and submit report on present status of the project, applicability of S.O. 804 dt.14.03.2017 & its subsequent amendments, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 22.05.2020 and submitted the report. The following observations were made by the sub-committee members:

- *Project details: Multi Storied Multistoried Commercial Building Project at Survey No. 89/A, 89/A1 & 89/A2 at Kokapet Village, Gandipet Mandal, Ranga Reddy District, Telangana. The proposed project will have the following:*
- *Total Land Area: 2.24 Acres or 9069.22 Sq.mt, Ground Coverage: 5234.13 Sq.mt, Driveways: 2017.58 Sq.mt, Greenbelt: 910.12 sq.mt, Totlot/Open Area: 907.39 sq.mt, Total Built-up Area: 80777.14.*
- *Estimated Project Cost: Rs. 40 Crores and EMP Budget Rs.400 Lakhs, Recurring Cost - Rs. 120 Lakhs.*
- *M/s. Viana Homes Pvt. Ltd, Proposing Multi Storied Multistoried Commercial Building Project. It is proposed to have 2 Basement + Stilt + 2 Podium + 9 upper floors.*
- *No work has been initiated in the site.*
- *The proponent has given commitment for implementing all the EMP measures towards natural drainage, no obstruction to the storm water drainage and waterbody.*

In view of the above, EC may be issued.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 40	M/s. Niharika Projects, Plot Nos. 125 - 132, 133(P), 136 (P), 137(P), 138 - 139, 140 (P), 141 (P), 141 (P), 142 -144, Sy. Nos. 107 -113 148, 149 & 157, Khajaguda (V), Serilingampally (M), Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/ TG/MIS/137867/2019 (EC)

Earlier, the SEAC in its meeting held on 31.01.2020 constituted a sub-committee to impacts of the project on the surrounding environment and adequacy of environmental measures proposed by the proponent.

The Sub-Committee constituted by the SEAC inspected the site on 13.02.2020 and submitted the report. The following observations were made by the sub-committee members:

The following observations were made by the members during the site visit.

- *The proponent has obtained permission from Greater Hyderabad Municipal Corporation vide permit no. 1 / C20 / 02836 / 2019 dated 15-02-2019 for built-up area 16,219.53 Sq.m with configuration 1 cellar + 1 stilt + 8 floors.*
- *Now the project proponent has proposed to increase one stilt floor and 2 upper floors due to which built-up area is coming to 21,736.82 Sq.m*
- *As built-up area is more than 20,000 Sq.m the proponent has approached SEIAA, Telangana for issue of Environmental clearance.*
- *During the site visit, it is observed that construction of the project has been initiated as per GHMC permission and completed construction of 6 upper floors only.*
- *Sub - committee members informed the proponent to duly adhere to the guidelines/* rules/ regulations as mentioned in the GHMC.*
- *The proposed project may not affect the surrounding environs, as it is in the Residential zone.*

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Based on the assurance given by the proponent for implementation of environmental measures it is recommended to issue the Environmental Clearance for the Residential complex project.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 41	M/s. Radical Bio-Organics Limited, Sy. Nos. 36, 38, 41 & 43, Jekkepally Village, Yalal Mandal, Vikarabad (Earlier Rangareddy District) District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/49001/2019 (EC)

Earlier, the SEAC in its meeting held on 17.03.2020 constituted a sub-committee to impacts of the proposed expansion on the surrounding environment, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 01.06.2020 and submitted the report. The following observations were made by the sub-committee members:

- 1. For the present expansion, no additional land is required. Presently the plant is in operation and some civil works like flooring, pavements, and duct laying are being carried out at the site.*
- 2. The following are the existing and proposed expansion project details.*

S. NO.	UNIT	PRODUCT/ BY PRODUCT	EXISTING CAPACITY	EXPANSION CAPACITY	AFTER EXPANSION CAPACITY
1.	Distillery (with Grains)	RS/ENA/Ethanol	60 KLPD	30 KLPD	90 KLPD
2.	Power	Electricity	7.0 MW *	(-) 4.0 MW	3 MW
3.	CO ₂ recovery plant	CO ₂ (By product)	45.6 TPD	12.4 TPD	58 TPD
4.	Distillery	DDGS (Distillery Dried Grains Soluble)	43.2 TPD	21.6 TPD	64.8 TPD

** Reduction power generation capacity from 7 MW to 3.0 MW as no export of power is envisaged*

- 3. The following process modification is proposed to enhance the distillery plant capacity from 60 to 90 KLPD.*

- * Increase of solids in slurry from 24% to 28%*
- * Increase in Alcohol from 11 % to 14 %*
- * Use of latest developed enzymes such as NOVOZYME*
- * Adopting No Jet Cooking.*
- * Use of genetically modified yeast*
- * Modification in distillation columns*
- * Installation of new Decanter*

By incorporating the above process modifications an additional 30 KLPD of RS/ENA/Ethanol production can be obtained with same output effluent.

- 4. Present ETP is in working condition. Proponent has given commitment towards Effluent generation & its management, Air Emissions & its management and management of Hazardous waste generation*
- 5. Green belt /Plantation needs further improvement and porponet has given commitment for the same,*

In view of the EMP measures submitted by the proponent it is recommended to issue the Environmental Clearance for the project: Expansion of distillery production capacity from 60 KLPD to 90 KLPD by process modifications

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The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

M/s. Radical Bio-Organics Limited (RBL) obtained Environmental Clearances for 60 KLPD Grain based distillery and 7.0 MW Biomass based captive power plant in Sy.Nos. 36, 38, 41 & 43 of Jekkepally Village, Yalal Mandal, Vikarabad (Earlier Rangareddy) District, Telangana vide order No. F.No.J.11011/57/2010-IA II (I) dated 05/10/2010 & 12/10/2012 over an extent of 27.28 acres.

Now it has been proposed to enhance the Distillery plant capacity from 60 KPLD to 90 KLPD with certain process modifications in existing infrastructure. No additional land envisaged for the expansion.

The following are the existing and proposed expansion project details.

S. NO.	UNIT	PRODUCT/ BY PRODUCT	EXISTING CAPACITY	EXPANSION CAPACITY	AFTER EXPANSION CAPACITY
1.	Distillery (with Grains)	RS/ENA/Ethanol	60 KLPD	30 KLPD	90 KLPD
2.	Power	Electricity	7.0 MW *	(-) 4.0 MW	3 MW
3.	CO ₂ recovery plant	CO ₂ (By product)	45.6 TPD	12.4 TPD	58 TPD
4.	Distillery	DDGS (Distillery Dried Grains Soluble)	43.2 TPD	21.6 TPD	64.8 TPD

* Reduction power generation capacity from 7 MW to 3.0 MW as no export of power is envisaged

The following will be the raw material & Fuel requirement for the existing and proposed expansion plant.

S.No	Raw Material	Source	Existing	Expansion	After expansion	Method of Transport
1.	Grains (Maize, corn, Sorghum grain, broken rice and other starch based grains, etc.)	Local area	160 TPD	80 TPD	240 TPD	Through covered trucks by Road

BOILER AND AIR EMISSION DETAILS:

Reduction from Power Generation capacity from 7 MW to 3.0 MW by downsizing the existing 37 TPH Boiler to 27.25 TPH.

As Boiler capacity is reducing, the existing ESP is adequate to control the air emissions and to bring down the Particulate Matter in the exhaust gases of boiler to less than 50 mg/Nm³ from a Stack of 49 Meter height for effective dispersion of SO₂ emissions into the atmosphere.

STACK EMISSION DETAILS

Item	Units	For 37 TPH Boiler As per earlier E.C. & E.C. Amendment issued on 5 th October 2010 & 12 th October 2012	For 27.25 TPH Boiler As per the Present Proposal i.e. enhancement from 60 KLPD to 90 KLPD
Number of stacks		1	1
Height of the stack	M	49	49

WATER REQUIREMENT (AFTER EXPANSION)

The total water requirement after recycling as per the existing environmental clearance is 1077 KLD. No additional water is required for the proposed expansion project. This includes Process water, CT make up, DM Water for Boiler & ENA plant, Make up water for CO₂ recovery plant, DM Plant regeneration water and for Domestic requirement.

Water requirement for the existing 60 KLPD plant is being sourced from Kagna river which is at a distance of 2.0 Kms. from the plant.

Water drawl permission has been obtained from I & CAD, Govt. of Telangana vide Memo dt. 13/06/2018 to draw 15.47 MCFT / 4,38,062 MCM i.e. 1200 KLD.

Comparison of Breakup of Water Requirement with existing plant & the present proposal

S. No.	Section	Water Consumption in KLD (for 60 KLPD capacity & 7 MW power)	Water consumption in KLD (for 90 KLPD capacity & 3 MW power)
1	Process (With recycle)	205	227
2	Boiler feed	162	140
3	Cooling tower make up	621	621
4	Softener /DM plant/RO plant	74	74
5	Make up water for CO ₂ recovery plant	5	5
6	Domestic	10	10
	Total	1077	1077

WASTEWATER FROM DIFFERENT PLANT OPERATIONS

SECTION	60 KLPD Distillery with 7 MW Power plant (in KLD)	90 KLPD Distillery with 3 MW Power plant (in KLD)
Spent wash	360	360
Boiler blow down	23.5	19
Cooling tower blow down	31	31
D.M.Plant & softener regeneration	74	74
Blow down from CO ₂ recovery plant	1(recycled)	1 (recycled)
Domestic	8	8
Total	497.5	493

A) PROCESS EFFLUENT TREATMENT i.e. SPENTWASH TREATMENT (90 KLPD)

- ❖ Spent wash generation will be 4 KL/KL of Alcohol production i.e. 360 KLD through higher Fermentation efficiency.
- ❖ Thin Slop generated during the process of Distillation after decantation will be treated in the existing Multiple Effective Evaporators to concentrate the solids up to 35 to 40% and concentrated syrup along with wet cake will be dried in Existing Dryer to concentrate the solids content up to 90%. This is known as DDGS. This will be sold as Cattle feed or Fish feed.
- ❖ The condensate generated during the process of Multiple Effective Evaporators will be reused in the Process, thus decreasing the net water requirement.

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- ❖ This is totally a “Zero Effluent Discharge” based proven technology, as also approved by the Central Pollution Control Board (CPCB) and The Ministry of Environment, Forest & Climate Change.

B) NON-PROCESS EFFLUENT TREATMENT AND DISPOSAL

Total Non process effluent from project after capacity enhancement: **124 KLD** (excluding sanitary wastewater of 8 KLD).

- ❖ The boiler blow down & DM Plant & Softener regeneration water treated in a neutralization tank and after treatment imixed with CT Blow down.
- ❖ Now it is proposed to treat Sanitary waste water also in Non-process ETP.
- ❖ The treated effluent will be used for dust suppression / ash conditioning and onland for irrigation within the premises after ensuring compliance with CPCB /SPCB standards.
- ❖ The scrubbed water from CO₂ recovery Plant is utilized in the Fermentation section.
- ❖ There will be no additional wastewater generation from the proposed enhancement proposal.

The existing spent wash treatment system, non-process effluent treatment plant (240 KLD) are adequate to treat the effluents from 90 KLPD capacity also.

Solid waste:

- **Waste oil generation:** 0.5 Kl/annum and will be stored in covered HDPE drums in a designated area and given to APPCB authorized reprocessors/recyclers.
- **Used Batteries:** Used batteries will be given back to the supplier under buy back agreement with supplier.
- There will be reduction in Fly Ash generation due to the downsizing of boiler capacity . Fly ash generated is being given to Brick manufacturers /cement plants. Hence no increase in fly ash.
- The existing fly ash Ash disposal will be continued after expansion also and will be in accordance with the fly ash utilization notification 2009 & its subsequent amendments.

S.No.	SOLID WASTE	TOTAL QUANTITY (in TPD)		DISPOSAL
		60 KLPD	90 KLPD	
1	DDGS (with 90% solids)	43.2	64.8	Is being sold as cattle/fish feed. Similar practice will be continued after expansion also.
2	Ash from Boiler	58.3 (with 100% Bio-mass used as fuel)	42.8 (with 100% Bio-mass used as fuel)	Ash generated is being given to brick manufacturers. Similar practice will be continued after expansion also.
		(OR)		
		--	6.6 (with 100% Imported coal used as fuel)	Ash generated is being given to brick manufacturers/cement plants when coal is used as fuel. Similar practice will be continued after expansion also

EMP Cost:

Total project cost of the Expansion project : Rs. 2.0 Crores
 Capital Cost for Environment Protection for proposed Expansion : Nil
(As all existing environment protection measures are adequate for 90 KLPD)
 Recurring Cost for Environmental protection per annum (for expansion) : Nil


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CER :

CER Budget of Rs. 2 Lakhs will be allocated as per Ministry's Office Memorandum vide F.No. 22-65/2017-IA.III dated 1st May 2018 for Brownfield projects.

The SEAC, examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 42	M/s. Sanozen Pharma Private Limited, Plot No's. 170, 171 & 172, Phase - II, IDA Pashamylaram, Patancheru (Mandal), Sangareddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/41434/2019 (EC)

Earlier, the SEAC in its meeting held on 28.10.2019 constituted a sub-committee to inspect the unit, verify records and submit a report.

The Sub-Committee constituted by the SEAC inspected the site on 22.01.2020 and submitted the report. The following observations were made by the sub-committee members:

1. Project Modification:

Sanozen Pharma Private Limited is an existing Intermediate manufacturing unit at Plot No's. 170, 171 & 172, Phase- II, IDA Pashamylaram, Patancheru (M), Sangareddy District, Telangana State

The company proposing to expand the existing Potassium Acetate manufacturing unit (1.959 TPM i.e., 65.3 kg/day) to Bulk Drugs manufacturing unit (23.885 TPM).

Land Details:

The existing unit is in area of 1620.70 Sqm in plot No: 170 and for the proposed expansion, Sanozen Pharma Pvt Ltd has purchased Plot nos: 171 & 172 of SP Labs Pvt Ltd (R & D Unit adjacent to the existing Unit) in an Area of 4607.89 Sqm.

The total area for the proposed expansion is 6228.59 Sqm.

Building & Civil Works:

Presently the unit is having a production blocks, Utility block and ware house. The existing civil and buildings are sufficient to manufacture the proposed products by altering/adding some equipment.

2. Project Cost

The unit is proposing to invest an amount of Rs. 18 Crores towards its expansion. The proposed amount of Rs. 70 Lakhs towards EMP budget.

3. ZLD System and its adequacy:

The unit is proposing a ZLD system which consists of HTDS and LTDS effluent have processing systems. Details of the proposed ZLD system are as per the Annexure-I.

4. ETP Modifications:

Earlier the unit has sent its effluent to the CETP Patancheru and now the unit is proposing to have own ETP as mentioned in the ZLD system. Details are Enclosed as Annexure-I.

5. Products: Comparison of existing and proposed [which are going for expansion]:

Earlier the unit was manufacturing a Drug Intermediate with a capacity of 1.959 TPM. Now, proposes to manufacture Bulk Drugs & Intermediates 23.885 TPM and details are provided in Annexure-II.

6. Verify product Details w.r.t. permitted for the past one year, as per ER-I/GST:

The unit is manufacturing the permitted Drug Intermediate with the permitted quantities. At the time of inspection, it was observed that there was no production of consented intermediate and proponent informed that, since last three years there was no production.

7. Raw material Comparison of Existing and proposed: [which are going for expansion]:
Details of existing raw materials and proposed Raw Material are provided in Annexure-III.

8. Solid waste: Comparison of existing and proposed (which are going for expansion)
Details of existing and proposed Solid waste are provided in Annexure-IV.

9. Impact on Surroundings:

As the unit is proposing ZLD system to treat the generated effluent and to reuse the processed water in its plant operations, all the generated Hazardous / solid wastes are going to dispose to the TSDF and to the Cement industry. Flue gases from boilers will be controlled by 30 mtr height Stacks and multicyclones separator and all the gaseous emissions from the process are scrubbed by using suitable media in the scrubbing system, hence, there will not be any impact on the surrounding.

10. Applicability of S.O.804 (E), dt.14.03.2017 & S.O. 1030 (E) dt.08.03.2018 issued by the MoEF&CC, Gol.

The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.

11. Justification of project w, r, t. G.O.MS. No.95 dt.21/09/2007 and G.O.MS. No.64 dt. 25/07/2013 & G.O.Ms. No. 24, dt.24.04.2019:

With reference to the G.O. Ms. No. 95 dt. 21/09/2007, the IDA, Pashamylaram is under ban for the new and expansion of Bulk Drug units. But as per the G.O. Ms. No. 64 Dt.25/07/2013, there is a relaxation for the expansion of existing Bulk Drug and Intermediate manufacturing subject to establishment of ZLD system. It was not in production to manufacture Potassium Acetate, a KRM for drugs like Betamethasone & Deflazacort. Now, the unit has proposed to establish a ZLD system for the proposed expansion.

According to G.O.Ms. No. 24, dt.24.04.2019, the unit has to pay Corpus fund at the time of CFE.

WATER POLLUTION CONTROL / MANAGEMENT

The effluent generation is from process, boiler blow down, DM Plant Regeneration, Scrubbing System, Floor & Reactor washings and Domestic sections.

- Water shall be recycled to reduce the impact and the industry will implement the

Zero Discharge of Waste Water [ZLD System].

- Process effluent will be segregated based on TDS concentration and collected separately by gravity from all sources into a collection Pit.
- Collected waste water will be pumped in to the above ground level tanks separately.
- The unit will provide Wastewater Treatment Plant (ETP) to treat the trade effluent

Treatment system

- The effluent will be neutralized, the HTDS effluent will be sent to steam stripping Column for collection of solvents which are dissolved in the waste water stream. After stripping effluent will be sent to Double effect Evaporation system which contains 3calendrias.
- The concentrate from the MEE System will be sent to ATFD and salts from the ATFD will be collected and sent to TSDF for safe disposal.
- The condensate from DEE will be sent to biological treatment followed by RO system for further process.
- The LTDS effluent will be sent to Biological treatment followed by RO system along with the Condensate from the MEE.
- The RO permeate will be reused and RO reject will be sent to MEE for further evaporation.
- All the treatment tanks etc. is constructed / installed only with acid proofing and 1.5 to 2.5 meters above the Ground Level.
- In addition Rain Water Harvesting System will be put in practice to recharge the ground water aquifers.
- impact on water quality is negligible

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Strategic control / Management

- Minimizing of water use.
- Segregation and collection philosophy for effluent to minimize waste generation and facilitate treatment as well as recycle and reuse.
- Reducing the actual process water consumption by way of improvement in operation of processing units.

RECOMMENDATION

Based on the above reasons, the EC maybe granted.

S. No	Name of the Product	Quantity in Kg/Month
1	Amifostine	50
2	Anastrozole	100
3	Bendamustine hydrochloride	25
4	Bortezomib	5
5	Chlorambucil	50
6	Cisplatin	20
7	Citalopram Hydrobromide	5000
8	Dacarbazine	25
9	Dasatinib Monohydrate	200
10	Docetaxel	25
11	Dapoxetine Hydrochloride	120
12	Erlotinib	250
13	Gefitinib	500
14	Imatinib Mesylate	350
15	Lapatinib Ditosylate Monohydrate	100
16	Ledipasvir	150
17	Letrozole	50
18	Lomustine	15
19	Melphalan	50
20	Methotrexate	75
21	Nilotinib hydrochloride Hydrate	150
22	Oxaliplatin	40
23	Paclitaxel	15
24	Pazopanib hydrochloride	200
25	Ponatinib	200
26	Premetrexed disodium	150
27	Procarbazine	20
28	Raltegravir	5000
29	Regorafenib	100
30	Sofosbuvir	500
31	Sorafenib Tosylate	200
32	Telmisartan	5000
33	Temozolomide	50
34	Verapamil Hydrochloride	5000
35	Zoledronic Acid	100
	Total	23885

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LIST OF BY-PRODUCTS

S. No	Name of the Product	Name of the By-Products	Quantity in Kg/Day
1	Dapoxetine hydrochloride	(D)+ Tartaric acid	4.50
2	Imatinib mesylate	Dimethylamine	1.70
3	Ledipasvir	Ethyl Benzene	2.66
4	Nilotinib hydrochloride hydrate	Dimethylamine	0.50
5	Ponatinib	Succinamide	3.06
		Diisopropylamine	2.40
		Triethylamine Hydrochloride	2.52
6	Procarbazine	Succinamide	0.54

Details of Utilities, Stacks & Air pollution control equipments after expansion:

S.No.	Utility	Stack Height (mt)	APCE
1	Coal fired Boiler: Existing: 1.0 TPH & 2.0 TPH	30 m	Cyclone Separators followed by
2	DG Sets: Proposed: 1 x 500 kVA	Adequate Height	Acoustic enclosure

The process emissions containing Hydrogen Chloride, Hydrogen Bromide, Sulphur Dioxide & Ammonia are to be routed through Multi Stage Scrubber system. The process emissions containing derivatives of Carbon dioxide, Oxygen & Nitrogen are to be safely dispersed into the atmosphere. Further, the process emissions containing derivatives of Hydrogen are to be safely dispersed into the atmosphere through water column.

PROPOSED WATER CONSUMPTION DETAILS

S. No	Purpose	Water Consumption in KLD
1	Process	11.48
2	Washings	1.0
3	Boiler make up	18.00
4	Cooling towers make up	42.00
5	Scrubbing system	1.00
6	Domestic	2.00
7	Gardening	3.00
	Total	78.48

EXPECTED HTDS & LTDS EFFLUENT GENERATION DETAILS

S. No.	Purpose	HTDS in KLD	LTDS in KLD	Effluent in KLD	Treatment Method
1	Process	10.82	3.07	13.89	ZLD System: HTDS effluents will be sent to MEE system followed by BTP. LTDS effluents will be treated in BTP – RO Plant. RO Rejects to MEE System and RO permeate to reuse, Condensate from MEE to reuse and MEE concentrated to ATFD.
2	Washings	0.00	1.00	1.00	
3	Boiler Blow down	0.00	3.00	3.00	
4	Cooling towers Bleed off	0.00	4.00	4.00	
5	Scrubbing system	1.00	0.00	1.00	
6	Domestic	0.00	1.50	1.50	
	Total	11.82	12.57	24.39	

EXPECTED HAZRDOUS & SOLID WASTE GENERATION DETAILS

S. No	Name of the Waste	Quantity	Disposal Method
1	Organic solid waste	1734 Kg/Day	Will be sent to Cement Industries
2	Spent Carbon	33 Kg/Day	
3	Solvent Distillation Residue	288 Kg/Day	
4	Organic distillate from MEE Stripper	350 Kg/Day	
5	Inorganic Solid Waste	22 Kg/Day	Will be sent to TSDf
6	ETP Sludge	20 Kg/Day	
7	MEE Salts	1528 Kg/Day	
8	Used Oils	100Ltrs/Annum	Will be sent to SPCB Authorized Agencies for Reprocessing/Recycling
9	Detoxified Containers	300 No's / Month	After Detoxification will be sent to SPCB authorized agencies.
10	Used Lead Acid Batteries	2 No's/ Annum	Send back to suppliers for buyback of New Batteries
11	Ash from boiler	3675 Kg/Day	Will be sent to Brick Manufacturers

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 43.1	M/s. Vasant Chemicals Pvt. Ltd., Plot No. 91/C, 91/D, 91D/P, Phase-1, IDA, Jeedimetla, Qutubullapur (M), Medchal-Malkajgiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/43611/2019 (TOR)

Earlier, the SEAC in its meeting held on 28.10.2019 constituted a sub-committee to inspect the unit, verify records and submit a report.

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The Sub-Committee constituted by the SEAC inspected the site on 13.03.2020 and submitted the report on 16.06.2020.

But, meanwhile keeping in view of the S.O.1223 (E), dt.27.03.2020, the proponent submitted EC application for proposed expansion of the project under B2 Category. The proposal was examined by the SEAC in its meeting held on 23.05.2020 and noted that the sub-committee constituted by the SEAC has not yet submitted the report. Hence, the SEAC earlier informed the same sub-committee to inspect the unit, verify records and submit report. The SEAC earlier deferred the EC application of the project for consideration after receipt of Sub-committee's report.

In view of the above, as the EC application for same project is being considered separately under B2 category as per S.O.1223 (E), dt.27.03.2020, the SEAC recommended to return the TOR application.

Agenda Item No. 43.2	M/s. Vasant Chemicals Pvt. Ltd., Plot No. 91/C, 91/D, 91D/P, Phase-1, IDA, Jeedimetla, Qutubullapur (M), Medchal-Malkajgiri District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/IND2/152792/2019 (EC)

Earlier, the proponent submitted EC application for proposed expansion of the project under B2 Category, keeping in view of the S.O.1223 (E), dt.27.03.2020. The proposal was examined by the SEAC in its meeting held on 23.05.2020 and noted that the sub-committee constituted by the SEAC on 28.10.2019 for the same project applied in EC has not yet submitted the report. Hence, the SEAC earlier informed the same sub-committee to inspect the unit, verify records and submit report. The SEAC earlier deferred the EC application of the project for consideration after receipt of Sub-committee's report.

Accordingly, the Sub-Committee constituted by the SEAC inspected the site on 13.03.2020 and submitted the report on 16.06.2020.

The following observations were made by the sub-committee members:

1. Project Modification:

Vasant Chemicals Pvt. Ltd. is an existing Synthetic Organic Chemicals Manufacturing Unit at Plot No's: 91/C, 91/D, 91D/P, Phase-I, IDA Jeedimetla, Qutubullapur Mandal, Medchal-Malkajgiri District, Telangana State.

The company proposed for expansion of existing Synthetic Organic Chemicals Manufacturing Unit from Production capacity 57.53 MT/ Annum to 256 MT/ Annum.

Land Details:

The industry is established in an area of 7060.4 Sq. m and for the proposed expansion there is no additional land is proposed as the existing land is sufficient for the proposed expansion.

Building & Civil Works:

Presently the unit is having a production blocks, Utility block and Storage tank area. The existing civil buildings are sufficient to manufacture the proposed products and proposed for erection & installation of MEE & ETP area.

2. Project Cost:

The unit is proposing to invest an additional amount of Rs. 10 Crores towards its expansion. In the proposed amount of Rs. 10 Crores an amount of Rs. 2.0 Crores towards EMP budget and the balance is for the proposed Reactors, Cooling Towers (2 Nos. x 300 TR), Generator (500 KVA X 1 No), Boiler (3.0 TPH - 1 No), Thermic Fluid Heater (5 Lakh K. Cal/ Hr - 1 No) & MEE Plant.

3. ZLD System and its adequacy:

The unit is proposing a ZLD system which consists of HTDS and LTDS effluent processing systems. Details of the proposed ZLD system are as per the Annexure-I.

4. ETP Modifications:

Earlier the unit is sending its HTDS effluent to the MEE of M/s. JETL, Jeedimetla for evaporation and LTDS effluent to the CETP of M/s. PETL, Patancheru and now the unit is proposing to have ETP as mentioned in the ZLD system. Details are Enclosed as Annexure-I.

5. Products: Comparison of existing and proposed [which are going for expansion]:

Earlier the unit is manufacturing Bulk Drug Intermediates with a capacity of 10.5 TPM. Now proposes to manufacture Synthetic Organics & Speciality Chemicals 85 TPM and details are provided in Annexure-II.

6. Verify product Details w.r.t. permitted for the past one year, as per ER-I/GST:

The unit is manufacturing the permitted Synthetic Organics & Speciality Chemicals with the permitted quantities.

7. Raw material: Comparison of Existing and Proposed [which are going for expansion]:

Details of existing raw materials and proposed Raw Material are provided in Annexure-III.

8. Solid Waste: Comparison of Existing and Proposed [which are going for expansion]:

Details of existing and proposed Solid waste are provided in Annexure-IV.

9. Impact on Surroundings:

As the unit is proposing ZLD system to treat the generated effluent and reuse water will be reused in plant operations. The generated hazardous and solid wastes are being sent to the TSDF and to the Cement industry. Flue gases from boiler will be dispersed through a 30 mtr height chimney and multi-cyclones separator and all the gaseous emissions from the process are scrubbed by using suitable media in the scrubbing system, hence, there will not be any impact on the surrounding.

10. Applicability of S.O. 804 (E), dt: 14.03.2017 & S.O. 1030 (E), dt: 08.03.2018 issued by the MoEF&CC, GoI.

The project does not come under Violation as there was no increase in production quantity or pollution loads for the existing consented product.

11. Implementation of disaster management plan and safety measures in the existing project and proposed expansion.

Disaster management plan and safety measures submitted along with EMP report.

12. Greenbelt Development

Vasanti Chemicals Pvt. Ltd. is in an area of 7060.40 Sq. m out of which 33.0% (2329.93 Sqm) is allocated for Greenbelt development area. Due to inadequate land for greenbelt development in the project site, 1440 sqm of land besides the company will be used for development of greenbelt which is in addition to the 425 Sq.m in the plant site. Budget for greenbelt development is Rs. 5 Lakhs.

13. Justification of project w.r.t. G.O.Ms. 95, dt: 21.09.2007; G.O.Ms. No. 64, dt: 25.07.2013; & G.O.Ms. No. 24, dt: 24.04.2019.

With reference to the G. O. Ms. No. 95 dt. 21/09/2007, the IDA, Pashamylaram is under ban for the new and expansion of Bulk Drug units. But as per the G. O. Ms. No. 64 Dt. 25/07/2013, there is a relaxation for the expansion of existing Bulk Drug and Intermediate manufacturing subject to establishment of ZLD system. Hence the unit has proposed to establish a ZLD system for the proposed expansion.

According to G. O. Ms. No. 24, dt. 24.04.2019, the unit has to pay Corpus fund at the time of CFE.

WATER POLLUTION CONTROL / MANAGEMENT

The effluent generation is from process, boiler blow down, cooling towers bleed off, Scrubbing System, washings and Domestic sections.

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- Water shall be recycled to reduce the impact and the industry will implement the **Zero Discharge of Waste Water [ZLD System]**.
- Process effluent will be segregated based on TDS concentration and collected separately by gravity from all sources into a collection Pit.
- Collected waste water will be pumped in to the above ground level tanks separately.
- The unit will provide Wastewater Treatment Plant (ETP) to treat the trade effluent

Treatment system

- The effluent will be neutralized, the HTDS effluent will be sent to steam stripping Column for collection of solvents which are dissolved in the waste water stream. After stripping effluent will be sent to Double effect Evaporation system which contains 3 Calendrias.
- The concentrate from the MEE System will be sent to ATFD and salts from the ATFD will be collected and sent to TSDF for safe disposal.
- The condensate from DEE will be sent to biological treatment followed by RO system for further process.
- The LTDS effluent will be sent to Biological treatment followed by RO system along with the Condensate from the MEE.
- The RO permeate will be reused and RO reject will be sent to MEE for further evaporation.
- All the treatment tanks etc. is constructed / installed only with acid proofing and 1.5 to 2.5 meters above the Ground Level.
- In addition Rain Water Harvesting System will be put in practice to recharge the ground water aquifers.
- Impact on water quality is negligible

Strategic control / Management

- Minimizing of water use.
- Segregation and collection philosophy for effluent to minimize waste generation and facilitate treatment as well as recycle and reuse.
- Reducing the actual process water consumption by way of improvement in operation of processing units.

RECOMMENDATION

Based on the above reasons, the EC maybe granted.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

Agenda Item No. 44	IT Office Building by M/s. V Zone Hospitality Private Limited, Survey No. 115/14, Nanakramguda Village, Serilingampally Mandal, Ranga Reddy District - Environmental Clearance - Reg.
Proposal No.	SIA/TG/MIS/132116/2019 (EC)

Earlier, the SEAC in its meeting held on 20.02.2020 constituted a sub-committee to inspect the site, verify documents and submit report on present status of the project, whether proposed site area is under submergence, storm water drainage, impacts of the proposed project on nearest waterbodies, etc.,

The Sub-Committee constituted by the SEAC inspected the site on 22.05.2020 and submitted the report. The following observations were made by the sub-committee members:

- Present status of the project, submergence if any, storm water management and impacts on the surround area.

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LAND USE DETAILS :

S.No.	Details of Land Use	Area in Sqm	Area in %
1.	Plinth Area	2009.29	40.36
2.	Green Area	507.0	10.18
3.	Road Area	2402.24	48.25
4.	Open Area	59.47	1.21
	Total Area	4978.0	100.0
Height of the Building		106.0 Mts	
Project Cost		62.0 Crores	
EMP Budget		Capital Cost -100.0 Lakhs, Recurring Cost - 21.0 Lakhs	

Built up area Details:

Description	No. of Floors	Area (sqm)
IT Office Space Built Up Area	Ground – 23rd floor	41,790.45
Parking Built Up Area	1, 2, 3 & 4 Basements	14,844.00
Total Built-up Area		56,634.45

Description	No. of Floors	Area (sqm)
IT Office Space Built Up Area	Ground – 23rd floor	41,790.45
Parking Built Up Area	1, 2, 3 & 4 Basements	14,844.00
Total Built-up Area		56,634.45

PARKING AREA DETAILS

Description	Area (sqm)
Parking Built Up Area (1, 2, 3 & 4 Basements)	14,844.00
Stack Parking Area (Basements -2,3 & 4)	11,133.00
Total Parking Area	25,977.00 (62.16 %)
4 Wheelers	765
2 Wheelers	186

Observations and Recommendations: The following observations were made by the members:

- No activity was initiated at the site. At the site, construction material of the neighbouring plot is present along with temporary sheds for working people.
- During the site visit, there was no stream/s passing either with in the plot nor adjacent to the plot. There will not be any chance of submergence and storm water management plan was submitted by the proponent.
- As the Building height is 106.0 mts, proponent has submitted clearance from Airport Authority of India and NOC from State Disaster Response & Fire Services Department.
- Proponent is advised to adhere to the safety norms and maintenance of proper greenbelt.

In view of the EMP measures submitted by the proponent it is recommended to issue the Environmental Clearance for the project.

The SEAC examined the report of the Sub-Committee and after detailed discussions, the SEAC recommended the project for issue of EC.

CHAIRMAN, SEAC


CHAIRMAN, SEAC

