


184th**SEAC Meeting number: 184th - Day-2 Meeting Date June 3, 2020****Subject:** Environment Clearance for Proposed Expansion of Sugar plant from 7000TCD to 9000TCD at Viilage Bhende Bk,Newasa, Ahemdngar, Maharashtra**Is a Violation Case:** No


1.Name of Project	Proposed Expansion of Sugar plant from 7000TCD to 9000TCD at Viilage Bhende Bk,Tal; Newasa, Ahemdngar, Maharashtra by M/s. Loknete Marutrao Ghule Patil Dnyaneshwar Shakari Sakhar Karkhana Ltd. (LMGP-DSSKL)
2.Type of institution	TOR
3.Name of Project Proponent	M/s. Loknete Marutrao Ghule Patil Dnyaneshwar Shakari Sakhar Karkhana Ltd. (LMGP-DSSKL)
4.Name of Consultant	Ultra- Tech Environment consultancy and Lab (Lab. MoEF gazetted).
5.Type of project	Industry
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	Survey NO 320 & 334
9.Taluka	Newasa
10.Village	Bhende (Bk)
Correspondence Name:	Post Bhende Bk, Taluka Newasa, District Ahmednagar
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	NA
City:	Ahmednagar
11.Whether in Corporation / Municipal / other area	Grampanchayat Bhende (Bk)
12.IOD/IOA/Concession/Plan Approval Number	Grampanchayat Bhende (Bk) IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 18000
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1320000
16.Deductions	Not Applicable
17.Net Plot area	1320000
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 18000 b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 18000
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval: 01-01-1900
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	0
21.Estimated cost of the project	15000000



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22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable
23. Number of tenants and shops	Not applicable		
24. Number of expected residents / users	Not applicable		
25. Tenant density per hectare	Not applicable		
26. Height of the building(s)			
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	Own Fire Station with well equipped arrangements		
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m		
29. Existing structure (s) if any	Existing Sugar Unit		
30. Details of the demolition with disposal (If applicable)	Not applicable		

31. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sugar	25200 MT/Month	7200 MT/Month	32400MT/Month
2	Co-gen Power	31.5MW/Hr	0	0

32. Total Water Requirement



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Dry season:	Source of water	Mula Dam Right Cannal
	Fresh water (CMD):	900
	Recycled water - Flushing (CMD):	4590
	Recycled water - Gardening (CMD):	850
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5490
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	Source of water	Mula Dam Right Cannal
	Fresh water (CMD):	15
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	10
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	25
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	


33.Details of Total water consumed

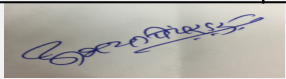

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Industrial Process	665	185	850	0	1083	3789	0	0	0
Fresh water requirement	35	15	50	0	0	0	35	15	50
Gardening	761	89	850	761	89	850	0	0	0


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Industrial Process	4550	940	5490	3789	851	4640	761	89	850
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	4 to 5 m							
	Size and no of RWH tank(s) and Quantity:	Not applicable							
	Location of the RWH tank(s):	Not applicable							
	Quantity of recharge pits:	10 Recharge Pit							
	Size of recharge pits :	Not applicable							
	Budgetary allocation (Capital cost) :	20 lakh							
	Budgetary allocation (O & M cost) :	5 Lakh							
	Details of UGT tanks if any :	Not applicable							
35.Storm water drainage	Natural water drainage pattern:	Storm water drain							
	Quantity of storm water:	Not applicable							
	Size of SWD:	Not applicable							
Sewage and Waste water	Sewage generation in KLD:	60							
	STP technology:	MBBR							
	Capacity of STP (CMD):	1 no. 70KL							
	Location & area of the STP:	near colony							
	Budgetary allocation (Capital cost):	5 lacs							
	Budgetary allocation (O & M cost):	1.0Lacs							
36.Solid waste Management									
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Negligible							
	Disposal of the construction waste debris:	Not Applicable							
Waste generation in the operation Phase:	Dry waste:	Baggage : 4,32,000 MT/A							
	Wet waste:	Press mud : 61200 MT/A							
	Hazardous waste:	0.30 MT/Month Reused in own boiler as fuel							
	Biomedical waste (If applicable):	Not Applicable							
	STP Sludge (Dry sludge):	200 kg/day Used as manure							
	Others if any:	Not applicable							
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Mode of Disposal of waste:	Dry waste:	Baggage will be used for boiler as fuel
	Wet waste:	Press mud sent for composting
	Hazardous waste:	Reused in own boiler as fuel
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Use as manure
	Others if any:	Not any
Area requirement:	Location(s):	south of layout
	Area for the storage of waste & other material:	20m2
	Area for machinery:	Not any
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	5lacs
	O & M cost:	1 lacs

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	Not Applicable	3.5-4.5	6-7	5.5-8.5
2	BOD	Mg/lit	719	89	100
3	COD	Mg/lit	1682	238	250
4	TSS	Mg/lit	126	84	100
5	Oil & grease	Mg/lit	6	<2	10
Amount of effluent generation (CMD):		850 m3			
Capacity of the ETP:		1500 KL			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		Nil			
Membership of CETP (if require):		Nil			
Note on ETP technology to be used		This is sober water except temperature, comes from cooling-purging and boiler blow-down. A detention tank with suitable holding capacity and shallow depth shall be provided. The water after cooling will be suitable for irrigation purpose. As an alternative, this will be used as diluents to moderate effluent, stream (B) below and further treated. The Moderately polluted wastewater is the floor vessel washing, de-min plant, laboratory and process, which has low pH and has organic matter. After			
Disposal of the ETP sludge		To be sent to Composting			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used/ spent oil	5.1	MT/Month	11	0	11	Reused in own boiler as fuel

39. Stacks emission Details


Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler 40 TPH	Bagasse	1	65	3.0	120



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2	Boiler 80 TPH	Bagasse	2	76	3.33	120
3	Boiler 110 TPH	Bagasse	3	85	3.45	120

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total	
1	Bagasse	1761MT/Day	0	1761 MT/Day	
41.Source of Fuel		Own bagasse available from sugare cane crushed			
42.Mode of Transportation of fuel to site		Conver Belt			

43.Green Belt Development	Total RG area :	4,50,000m2
	No of trees to be cut :	No
	Number of trees to be planted :	40000
	List of proposed native trees :	40000 nos.
	Timeline for completion of plantation :	Till the completion of project


44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mangifer indica	Mango	500	Fruit bearing evergreen tree
2	Polyalthia longifolia	Ashok	2000	evergreen tree
3	Ficus bengalensis	Wad	50	Fruit bearing evergreen tree
4	Cocos nucifera	Nariyal/coconut	4000	Fruit bearing evergreen tree
5	Eucalyptus	Nilgiri	5000	deciduous MEDICINAL TREE
6	Annona sp	Sitafal	1000	Fruit bearing evergreen tree
7	Terminalia catappa	Badam/Almond	3800	Fruit bearing evergreen tree
8	Delonix regia	Gulmohar	500	Flower bearing deciduous tree
9	Ficus recemosa	Pimpal	50	Fruit bearing evergreen tree
10	Tamarindus indica	Chinch	3000	Fruit bearing evergreen tree
11	Ficus glomerata	Umbar	100	Fruit bearing evergreen tree
12	Accacia	Babhul	6000	Deciduous tree
13	Citrus reticulata	Santra/Orange	100	Fruit bearing tree
14	Papaya	Papaya	2000	Fruit bearing tree
15	Citrus	Lemon,	1000	Fruit bearing tree
16	Syzium	Jamb/Guava	200	Fruit bearing evergreen tree
17	Tectona gradis	Sag	8000	Deciduous tree
18	Phylanthus emblica	Aavla	700	Fruit bearing evergreen tree

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	Not applicable	Not applicable	Not applicable


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47. Energy

Power requirement:	Source of power supply :	Own Power Generation / MSEDCL
	During Construction Phase: (Demand Load)	40KVA
	DG set as Power back-up during construction phase	100KVA
	During Operation phase (Connected load):	3700KVA
	During Operation phase (Demand load):	Not applicable
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	2 no. of 400KVA & 1 no. of 1000KVA DG sets
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not applicable

48. Energy saving by non-conventional method:

planetary drive for boiling house equipment's and Variable feed drive(VFD)

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	planetary drive for boiling house equipment's and Variable feed drive(VFD)	3%

50. Details of pollution control Systems

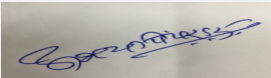
Source	Existing pollution control system	Proposed to be installed
STP	Conventional STP outlet water used for gardening	NA
ETP	ETP	NA
Boiler Stack 1	ESP	NA
Boiler Stack 2	ESP	NA

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not applicable
	O & M cost:	Not applicable

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Pollution Control	RSPM, SO ₂ , NO _x	1.0
2	Noise	Decibel	05


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b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	RSPM, SO ₂ , NO _x	-	2.0
2	Green Belt Development	Plantation	30	5.0
3	Online Monitoring	Air and water	60	6
4	ETP	Effluent	-	5.0
5	STP	waste water	25	1.5
6	Occupational Health	LABOUR Halth check up	2.0	5.0
7	Rainwater Harvesting	tank for rain water harvesting	20.0	5.0

51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)


Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52.Any Other Information

No Information Available


53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Well connected to state highway about 500m from site
Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	3 ha
	Area per car:	1000 sq.m
	Area per car:	1000 sq.m
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Well connected to sate highway about 500m from site
	Width of all Internal roads (m):	6m


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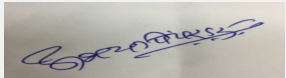
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5 (j) -B, 1(d)-
	Court cases pending if any	NA
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	23-10-2015

TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
Name	Shri Dnyaneshwar Sahakari Sakhar Karkhana LtdDnyaneshwarnagar Bhende Bk., Tal0 Newas, Dist- Ahmednager	Loknete Marutrao Ghule Patil Dnyaneshwar Sahakari Sakhar Karkhana LtdDnyaneshwarnagar Bhende Bk., Tal0 Newas, Dist- Ahmednager


SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable



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Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable
Brief information of the project by SEAC	
PP requested to postpone the case.	
DECISION OF SEAC	
In view of above request from the PP, SEAC-1 decided to defer the proposal.	
Specific Conditions by SEAC:	
<p>1) PP to submit certified copy of compliance of earlier EC No. 00000167 dated 23.10.2017 from Regional Office of MoEF&CC, Nagpur as per OM issued by MoEF&CC on 07/09/2017</p> <p>2) PP to include detailed material balance charts showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.</p> <p>3) PP to carry out HAZOP and QRA and submit report</p> <p>4) PP to submit detailed water balance calculations showing water required for domestic and industrial use, generation of sewage and effluent and also submit design details of ETP.</p> <p>5) PP submit copy of agreement made with the competent authority for lifting of water from Mula Dam Right Canal.</p> <p>6) PP to submit details of sugar cane cultivation in the factory area giving details of consumption of water, fertilizers, pesticides, insecticides etc. and its impact on surrounding environment. PP to submit their plan to achieve 100% drip irrigation for the sugar cane cultivation in the factory area.</p> <p>7) PP to submit specific CSR activities prepared in consultation with the District Collector and CEO Z.P. with funds allocation and time limits for implementation.</p> <p>8) PP to include technical note on the proposed requirement of modernization in the EIA report.</p>	
FINAL RECOMMENDATION	
SEAC-I decided to defer the proposal. Kindly find SEAC decision above.	




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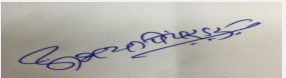
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184th**SEAC Meeting number: 184th - Day-2 Meeting Date June 3, 2020****Subject:** Environment Clearance for New manufacturing Project of Active Pharmaceutical Ingredients (Bulk Drugs and Intermediates)**Is a Violation Case:** No


1.Name of Project	Manufacturing of API & its intermediates product by M/s Harman Finochem Ltd. at Plot No. D-9, Nandgaon Peth MIDC, Amravati
2.Type of institution	Private
3.Name of Project Proponent	Mr. Bhupinder Singh Manhas
4.Name of Consultant	M/s. sd engineering services pvt. ltd.
5.Type of project	Other (Industrial Project)
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	New Project
8.Location of the project	Plot No. D-9, Nandgaon Peth MIDC
9.Taluka	Amravati
10.Village	Nandgaon Peth
Correspondence Name:	Mr. Bhupinder Singh Manhas
Room Number:	107-A,
Floor:	NA
Building Name:	Vinay Bhavya Complex
Road/Street Name:	159 - A, C.S.T. Road
Locality:	Kalina, Santacruz (E)
City:	Mumbai
11.Whether in Corporation / Municipal / other area	MIDC
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 120000
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	480000 sqm
16.Deductions	Not applicable
17.Net Plot area	480000 sqm
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): NA b) Non FSI area (sq. m.): NA c) Total BUA area (sq. m.): 00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA Approved Non FSI area (sq. m.): NA Date of Approval: 04-03-2019
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	4364000000

22.Number of buildings & its configuration


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Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA
23.Number of tenants and shops	NA		
24.Number of expected residents / users	NA		
25.Tenant density per hectare	NA		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	NA		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA		
29.Existing structure (s) if any	NA		
30.Details of the demolition with disposal (If applicable)	NA		

31.Production Details


Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Metformin Hydrochloride	0	1000	1000
2	Ibuprofen	0	40	40
3	Riboflavin Phosphate Sodium	0	6	6
4	MethylCobalamin	0	1	1
5	Ciproflaxin	0	30	30
6	Phenytoin	0	10	10
7	Phenytoin Sodium	0	20	20
8	Benzoin	0	3	3
9	Monomethyl Amine	0	292	292
10	Dimethyl Amine	0	1000	1000
11	Trimethyl Amine	0	292	292
12	Dimethyl Amine Hydrochloride	0	1000	1000
13	Trimethyl Amine Hydrochloride	0	417	417
14	Diethyl Di Propyl Melonate	0	21	21



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15	IBI-Isopropyl Bromo Isobutyrate	0	10	10
16	Ehtyl Phenyl Glyco Oxalate (EPGO)	0	13	13
17	Cyclopentyl Bromide	0	1	1
18	Cyclohexyl Bromide	0	3	3
19	Dimethyl Acetamide	0	416	416
20	Albendazole	0	25	25
21	Dextromethorphan	0	12.5	12.5
22	Pharmaceutical Formulation Activity	0	0	0
23	Research and Development Activity for Formulation and APIs	0	0	0


32.Total Water Requirement

Dry season:	Source of water	MIDC
	Fresh water (CMD):	2487
	Recycled water - Flushing (CMD):	660
	Recycled water - Gardening (CMD):	90
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	3147
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0


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Wet season:	Source of water	MIDC
	Fresh water (CMD):	2487
	Recycled water - Flushing (CMD):	660
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	3147
	Fire fighting - Underground water tank(CMD):	200
	Fire fighting - Overhead water tank(CMD):	0
	Excess treated water	0

Details of Swimming pool (If any)

NA

33.Details of Total water consumed


Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	100	100	0	10	10	0	90	90
Industrial Process	0	800	800	0	200	200	0	600	600
Cooling tower & thermopack	0	1847	1847	0	1662	1662	0	185	185
Gardening	0	400	400	0	400	400	0	0	0
Fresh water requirement	0	3147	3147	0	2272	2272	0	875	875



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	20 m
	Size and no of RWH tank(s) and Quantity:	8 nos. of recharge pits shall be provided at various locations of plot
	Location of the RWH tank(s):	Will be marked on layout and elaborated in EIA report
	Quantity of recharge pits:	Will be elaborated in EIA Report
	Size of recharge pits :	Will be elaborated in EIA Report
	Budgetary allocation (Capital cost) :	50 Lakhs
	Budgetary allocation (O & M cost) :	5 Lakhs
	Details of UGT tanks if any :	Fire Fighting Water Storage Tank Raw Water storage tank
35.Storm water drainage	Natural water drainage pattern:	Natural ground sloping in SW direction
	Quantity of storm water:	24000 m3
	Size of SWD:	Storm water drainage having width 1.0*1.5*1.5 shall be provided along boundary and inside of plot. This will be connected to natural drainage of MIDC
Sewage and Waste water	Sewage generation in KLD:	90
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 No. 100 CMD
	Location & area of the STP:	Near ETP
	Budgetary allocation (Capital cost):	50 Lakhs
	Budgetary allocation (O & M cost):	5 Lakhs
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Civil Construction Waste, Packing Waste
	Disposal of the construction waste debris:	To be stored in dedicated storage yard and will be sold to authorized vendor
Waste generation in the operation Phase:	Dry waste:	Office waste: 50 Kg/Month, Corrugated boxes: 100 Kg/Month
	Wet waste:	Canteen Waste: 0.2 T/day
	Hazardous waste:	Sludge from Waste Water Treatment: 1.5 T/day; Inorganic and MEE Sludge: 25 T/day; Oil & Grease skimming Residue: 0.1 T/day; Spent Catalyst/Spent Carbon: 3 T/day; Distillation Residue: 25 T/day
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	500 Kg/Month
	Others if any:	NA
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Mode of Disposal of waste:	Dry waste:	Sale to Recycler/Reuser/Reprocessor
	Wet waste:	Sale to Recycler/Reuser/Reprocessor
	Hazardous waste:	To CHWTSDF/Recycler/Reuser/Reprocessor
	Biomedical waste (If applicable):	Sale to Recycler/Reuser/Reprocessor
	STP Sludge (Dry sludge):	Sale to Recycler/Reuser/Reprocessor
	Others if any:	Not Applicable
Area requirement:	Location(s):	Will be marked on layout and elaborated in EIA report
	Area for the storage of waste & other material:	500 sqm
	Area for machinery:	0
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	200 Lakhs
	O & M cost:	10 Lakhs

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	-	4.1 - 10	-	5.5-9
2	COD	mg/l	3000-4000	-	250
3	BOD	mg/l	1200-1500	-	100
4	TSS	mg/l	200-400	-	100
5	TDS	mg/l	1500-2000	-	<2100
Amount of effluent generation (CMD):		785			
Capacity of the ETP:		1000 CMD			
Amount of treated effluent recycled :		660 CMD			
Amount of water send to the CETP:		0			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		Conventional ETP Comprises with Primary, Secondary and Tertiary Treatment units, followed by UF, RO, Solvent Stripper, MEE and ATFD			
Disposal of the ETP sludge		To CHWTSDF			


38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent Oil/waste & process residue containing oil	5.1/5.2	T/day	0	0.1	0.1	Sale to Authorized Recycler/ Reprocessor
2	Distillation Residue	20.3	T/day	0	25	25	CHWTSDF
3	Spent Catalyst/Spent Carbon	28.2/28.3	T/day	0	3	3	CHWTSDF
4	Discarded Containers/Barrels/ Liners	34.2	Nos./Month	0	1000	1000	Sale to authorized vendor
5	Sludge from Waste Water Treatment	35.3	T/day	0	1.5	1.5	Co processing/ CHWTSDF


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6	Inorganic and MEE Sludge	35.3	T/day	0	25	25	CHWTSDF
7	Oil & Grease skimming Residue	35.4	T/day	0	0.1	0.1	CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler 28 TPH	Coal: 86 T/day	1	56	1.5	140
2	Boiler 20 TPH	Coal: 61 T/day	2	51	1.5	140
3	DG Set	HSD: 16 T/day	3	30	1	90
4	Two stage Process Scrubber	-	4	25	0.5	60
5	Two stage Process Scrubber	-	5	25	0.5	60
6	Two stage Process Scrubber	-	6	25	0.5	60
7	Two stage Process Scrubber	-	7	25	0.5	60
8	Two stage Process Scrubber	-	8	25	0.5	60
9	Two stage Process Scrubber	-	9	25	0.5	60
10	Two stage Process Scrubber	-	10	25	0.5	60
11	Two stage Process Scrubber	-	11	25	0.5	60
12	Two stage Process Scrubber	-	12	25	0.5	60
13	Two stage Process Scrubber	-	13	25	0.5	60
14	Two stage Process Scrubber	-	14	25	0.5	60
15	Two stage Process Scrubber	-	15	25	0.5	60
16	Two stage Process Scrubber	-	16	25	0.5	60
17	Two stage Process Scrubber	-	17	25	0.5	60
18	Two stage Process Scrubber	-	18	25	0.5	60
19	Two stage Process Scrubber	-	19	25	0.5	60

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	0	147 T/day	147 T/day
2	Furnace Oil	0	72.58 T/day	72.58 T/day
3	HSD	0	16 T/day	16 T/day

41.Source of Fuel Authorized Distributor



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42.Mode of Transportation of fuel to site		By Road		
43.Green Belt Development	Total RG area :	158400 sqm		
	No of trees to be cut :	0		
	Number of trees to be planted :	10000		
	List of proposed native trees :	Neem, Nandrukh , Sita Ashok, Shirish , Royal Palm, Palas, Maharukh, Laxmi Taru		
	Timeline for completion of plantation :	5 Years		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Albizia lebbek	Siran	50	Medicinal
2	Albizia procera	White Siris	40	Ornamental
3	Bauhinia purpurea	Khairwal	50	Medicinal
4	Cassia fistula	Golden shower	50	Ornamental
5	Butea monosperma	Palas	40	Beautification
6	Roystonea regia	Royal Palm	30	Beautification
7	Ficus religiosa	Pipal	30	Medicinal
8	Saraca asoca	Sita Ashok	40	Beautification
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	Hibiscus rosa-sinensis	1 m	250	
2	Lantana camara	1 m	250	
3	Excoecaria Bicolor	2 m	500	
4	Tabernaemontana divaricata	2 m	500	
5	Codiaeum variegatum	1 m	250	
47.Energy				


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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	500 KVA
	DG set as Power back-up during construction phase	500 KVA
	During Operation phase (Connected load):	5 MW
	During Operation phase (Demand load):	5 MW
	Transformer:	Yes
	DG set as Power back-up during operation phase:	3000 KVA, 3 Nos
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48. Energy saving by non-conventional method:

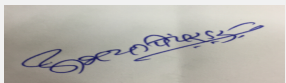
Street Light and Administrative Building on Solar Energy

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Street Light	50
2	Administrative Building	50

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Boiler 1	Nil	Stack of 64.51 m Height with inbuilt bag filters and multi cyclone system
Boiler 2	Nil	Stack of 58.4 m Height with inbuilt bag filters and multi cyclone system
DG Set	Nil	Stack of 30 m height with acoustic enclosure
Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided
Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided
Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided
Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided
Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided


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Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided
Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided
Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided
Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided
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Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided
Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided
Two stage Process Scrubber	Nil	Stack of 25 m Height will be provided

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	50 Lakhs
	O & M cost:	5 Lakhs


51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Sanitation	sanitation facility	4.5
2	Safety	Onsite Safety with Work permit system	2
3	Water Supply	provide water supply	0.5
4	Dust Suppression	control fugitive emission	0.5

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Scrubbers	Process Vent	200	40
2	WTP, ETP, RO, STP	Water Treatment Process	750	120


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3	MEE	Water Treatment Process	800	150
4	Fire and Safety	Fire Hydrant, Pumping Stations	1000	50
5	Green Belt	Plantation	25	5
6	Rain water Harvesting	Collection of Rain Water	50	5
7	Solar System	Street Light, Administrative Building	75	2.5
8	OHS	Occupation Health and Safety measures	50	5
9	Energy Conservation	Energy efficient motors, lights etc	50	5
10	HW/SW Management	Handling and Disposal Facility	200	10
11	Acoustic Enclosure	Prevent Noise and Vibration	100	0.25
12	Environmental Monitoring	Air, Water, Noise, Soil Monitoring	75	2.5
13	Online Monitoring	Stack and ETP Online Monitoring	25	1


51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Dimethyl Formide	Liquid	Solvent Storage Yard	50	20	6	Local Vendor	By Road in Tanker
Methanol	Liquid	Solvent Storage Yard	100	50	71	Local Vendor	By Road in Tanker
Acetone	Liquid	Solvent Storage Yard	20	10	17	Local Vendor	By Road in Tanker
Isopropanol	Liquid	Solvent Storage Yard	50	20	160	Local Vendor	By Road in Tanker
Hexane	Liquid	Solvent Storage Yard	30	10	8	Local Vendor	By Road in Tanker
Toluene	Liquid	Solvent Storage Yard	20	5	0.71	Local Vendor	By Road in Tanker
Ethyl Alcohol	Liquid	Solvent Storage Yard	20	5	6.1	Local Vendor	By Road in Tanker
n-Butanol	Liquid	Solvent Storage Yard	20	5	2	Local Vendor	By Road in Tanker

52.Any Other Information


No Information Available

53.Traffic Management


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	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	48000
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	5 (f)
	Court cases pending if any	No
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable


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Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

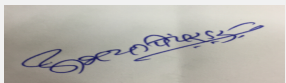
PP requested for withdrawal of application

DECISION OF SEAC

As requested by PP, SEAC-1 decided to delist the proposal


Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 2) PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
- 3) PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations.
- 4) PP to carry out life cycle analysis of the activities carried out on site with respect to the acidification potential, eutrophication potential, green house and ozone depletion potential etc and proposed mitigation measures to reduce the identified potentials.
- 5) PP to include detailed material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- 6) PP to include detailed water balance calculations along with design details of zero liquid discharge ETP in the EIA report.
- 7) PP to carry out HAZOP and QRA and submit disaster management plan.
- 8) PP to include impact of nallah passing through their plot in the EIA report.
- 9) PP to submit details of product to be manufactured in the R & D Lab to ascertain the proposed pollution load in the design of pollution control equipment.
- 10) PP to submit details of the proposed employee welfare activities in the EIA report.
- 11) PP to include details of generation and disposal of hazardous waste including byproducts as per Hazardous and other waste (Management and Trans boundary Movement) Rules, 2016 in the EIA report.
- 12) PP to include water and carbon foot print monitoring in the EMP.
- 13) PP to submit hazardous chemical handling protocol
- 14) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly PP to provide lightening arrestor.


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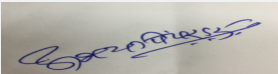
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FINAL RECOMMENDATION

Kindly find SEAC decision above.


SEAC-AGENDA-00000000425



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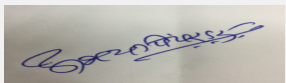
184th

SEAC Meeting number: 184th - Day-2 Meeting Date June 3, 2020

Subject: Environment Clearance for Proposed expansion of Synthetic Organic Chemicals Manufacturing Facility by M/s Supriya Life Science limited at Plot No. A-5/1, A-5/2, A-5/3, A-6/1, A-6/3, A-6/4 and S. No. 169/10 MIDC Lote Parshuram, Tal. Khed, Dist. Ratnagiri, Maharashtra.


Is a Violation Case: No

1.Name of Project	Proposed expansion of Synthetic Organic Chemicals Manufacturing Facility by M/s Supriya Life Science limited at Plot No. A-5/1, A-5/2, A-5/3, A-6/1, A-6/3, A-6/4 and S. No. 169/10 MIDC Lote Parshuram, Tal. Khed, Dist. Ratnagiri
2.Type of institution	Private
3.Name of Project Proponent	M/s SupriyaLifescience Limited
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Industrial project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion will be within the existing plot
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Plot NoA-5/1, A-5/2, A-5/3, A-6/1, A-6/3, A-6/4 and S. No. 169/10 MIDC Lote Parshuram, Taluka Khed, Dist. Ratnagiri, Maharashtra
9.Taluka	Khed
10.Village	Peer Lote
Correspondence Name:	Mr. Satish Waman Wagh
Room Number:	207/208, Udyog Bhavan
Floor:	First Floor
Building Name:	Udhyog Bhawan
Road/Street Name:	Sonawala Lane
Locality:	Goregaon East
City:	Mumbai
11.Whether in Corporation / Municipal / other area	Municipal Corporation of Mumbai
12.IOD/IOA/Concession/Plan Approval Number	DE/CPN/DB/704/2009 dt. 30.04.2019, DE/CPN/DB/736/2011 dt. 05.04.2011 DB/CPN/LOTE/643/2007 dt. 07.06.2007 DB/LOTE/B-75532/2014 dt. 16.06.2014 IOD/IOA/Concession/Plan Approval Number: MIDC approved plan IOD/IOA/Concession/Plan Approval Number: ----- DE/CPN/DB/704/2009 dt. 30.04.2019, DE/CPN/DB/736/2011 dt. 05.04.2011 DB/CPN/LOTE/643/2007 dt. 07.06.2007 DB/LOTE/B-75532/2014 dt. 16.06.2014 Approved Built-up Area: 10895
13.Note on the initiated work (If applicable)	Not applicable. Existing structures will be used for proposed expansion project.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC Possession Receipts, Kharedi Khat No. KDR NO. 785/2019
15.Total Plot Area (sq. m.)	23984
16.Deductions	Not applicable
17.Net Plot area	23984
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): 7235 b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 23984
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 06-08-2019
19.Total ground coverage (m2)	'D block 8,40 sq. m.+ Warehouse 1,4,50 Sq. mtr


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20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	For 'D' Block 3.5%, & for warehouse 6.04%
21. Estimated cost of the project	400000000


22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	D Block Building	Ground floor + 2 floors	18
2	Intermediate filtration & Drying	Ground floor	0
3	Powder Processing area (Cleanroom Facility)	Ground floor	0
4	Intermediate Production area, Charcoal Preparation & filtration area	First Floor, second floor	6
5	Crystallization area (Cleanroom Facility)	First Floor, second floor	6
6	Hydrogenation Area	First Floor	6
7	Intermediate Production & Dissolution area	Second Floor	12
8	Day tanks & Utility service area	Terrace Floor	18

23. Number of tenants and shops	NA
24. Number of expected residents / users	Not applicable
25. Tenant density per hectare	Not applicable
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	approx. 2 Km
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 meter
29. Existing structure (s) if any	Existing structure-Production bldg., Warehouse & Admin bldg., QC lab, ETP plant, Utility
30. Details of the demolition with disposal (If applicable)	Not applicable


31. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Riboflavin 5 - Phosphate sodium (BP/USP)	12 (I-11)	5	5
2	Pheniramine Maleate (BP)	0	5	5


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3	Ractopamine hydrochloride	0	0.5	0.5
4	Topirante	0	--	--
5	Nocoramdil	0	0.3	0.3
6	Esomeprazole Magnesium dehydrate	0	--	--
7	Olenzapine	0	--	--
8	Cetirizinedihydrochloride	0	5	5
9	Tramadole hydrochloride	0	10	10
10	Ketamine hydrochloride	0	5	5
11	Salbutamol sulphate	0	5	5
12	Mepyramine maleate (BP/USP)	As per Order	2	2
13	ChloroPheniramine maleate(BP)	As per Order	35	35
14	Brompheniramine Maleate	0	0.5	0.5
15	Dex- Chloropheniramine Maleate	0	1	1
16	Diphenhydramine hydrochloride	0	20	20
17	Leo-Cetirizine	0	0.25	0.25
18	Theobromine	0	2	2
19	Pentoxyphyline	0	10	10
20	Levo Salbutamol Sulphate	0	0.5	0.5
21	S-Ketamine Hydrochloride	0	0.5	0.5
22	BisoprololFumarate	0	0.5	0.5
23	Valsartan	0	10	10
24	Carbamazepine	0	1	1
25	Quinine Sulphate	0	1	1
26	Lumefantrine	0	3	3
27	Artemether	0	2	2
28	Allopurinol	0	2	2
29	Bupropion Hydrochloride	0	5	5
30	Methyl Cobalamine	0	0.5	0.5
31	HydroxoCobalamine and its salts	0	0.01	0.01
32	Benfotiamine	0	10	10
33	Dextromethorphan hydrobromide	0	4	4
34	Phenylephrine Hydrochloride	0	3	3
35	TenofovirDisoproxilfumarate	0	10	10
36	Dex- Brompheniramine Maleate	0	0.1	0.1

32.Total Water Requirement


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Dry season:	Source of water	505
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	505
	Fire fighting - Underground water tank(CMD):	216 Kl Tank capacity is provided
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	Source of water	485
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	485
	Fire fighting - Underground water tank(CMD):	216 Kl Tank capacity is provided
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	


33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	3	57	60	1.4	8.6	10	1.6	48.4	50
Industrial Process	5	210	215	2	7	9	3	203	206
Cooling tower & thermopack	60	150	210	60	150	210	0	0	0
Gardening	15	5	20	15	5	20	0	0	0


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	Industry Premises
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	Not Applicable
35.Storm water drainage	Natural water drainage pattern:	NA
	Quantity of storm water:	2000 lit/second
	Size of SWD:	350 mm X 500 mm
Sewage and Waste water	Sewage generation in KLD:	50
	STP technology:	Sewage will be send to ETP. No STP required.
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Minor quantity of construction debris will be generating during project expansion.
	Disposal of the construction waste debris:	Construction waste will be disposed off as per Construction and Demolition Rules, 2016.
Waste generation in the operation Phase:	Dry waste:	Non hazards Waste Qty Cartoon boxes and paper scrap, waste packing materials. 2 TPY Polyethylene bags scrap 18 TPY MS / Metal scrap material 6 TPY Wooden scrap 3 TPY Fly Ash 360 TPY
	Wet waste:	Not Applicable
	Hazardous waste:	No Type of Waste Category Quantity Disposal mode Hazardous waste (Existing) 1 Distillation residue 20.3 200 kg/M CHWTSDF 2 ETP sludge 34.3 100 kg/M CHWTSDF Hazardous waste (Proposed additional) 1 Distillation residue 20.3 14 TPM CHWTSDF 2 ETP sludge 34.3 25 TPM CHWTSDF 3 Filter and filter material which have organic liquid 35.1 1TPM CHWTSDF 4 Discarded barrels, containers, liners 33.3 5000 No/Y Sale to authorized recycler/CHWTSDF 5 Date expired discarded and off specification drugs / products
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA


Mode of Disposal of waste:	Dry waste:	Non Hazardous waste will be send to Land filling/ sold to authorized party/ scrap dealer.
	Wet waste:	NA
	Hazardous waste:	Hazardous waste will be safely disposed off to CHWTSDF/ Sale to authorized Re processors
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	within plot
	Area for the storage of waste & other material:	Dedicated waste storage area
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 10 Cr
	O & M cost:	Rs. 2 Cr

37. Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	NA	4-10	7.5 to 8.0	7.5 to 8.0
2	Total Suspended Solids	mg/l	4500-5000	< 100	< 100
3	Total Dissolved Solids	mg/l	4000-4500	< 2100	< 2100
4	Chemical Oxygen Demand	mg/l	3000-4500	< 250	< 250
5	Biological oxygen demand	mg/l	900-1400	< 100	< 100
6	Oil and grease	mg/l	110-125	< 10	< 10
Amount of effluent generation (CMD):		Domestic effluent: 50cmd& Trade effluent: 206cmd			
Capacity of the ETP:		25 CMD			
Amount of treated effluent recycled :		The treated effluent water shall be recycling and partly shall be sent to CET			
Amount of water send to the CETP:		256 CMD			
Membership of CETP (if require):		Unit is already member of Lote- Parshuram CETP.			
Note on ETP technology to be used		Please refer pre-feasibility report.			
Disposal of the ETP sludge		ETP sludge will be disposed off in CHWTSDF.			


38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical sludge from waste watertreatment of bottom sludge	34.3	MT/M	0.2	25	25.2	CHWTSDF
2	Distillation residue	20.3	MT/M	0.1	14	14.1	CHWTSDF
3	Filter and filter material which have organic liquid	35.1	MT/M	0	1	1	SCHWTSDF


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4	Discarded barrels, containers, liners	33.3	Nos / year	0	5000	5000	Sell to authorized reprocessor/ CHWTSDF
5	Date expired discarded and off specification drugs / products/ RMs	28.4	MT/M	0	0.5	0.5	Sell to authorized party/ CHWTSDF
6	Charcoal	28.2	MT/M	0	0.25	0.25	Sell to authorized party/ CHWTSDF
7	Spent Solvent	28.5	KL/M	0	20	20	Distillation and sale to authorized vendors / CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Existing-Boiler - I (steam capacity 500 kg/hr)	FO 265 lit/Day	1	32	0.37	130
2	Existing-Boiler - II (steam capacity 850 kg/hr)	FO 385 Lit/day	0	0	0	--
3	Proposed-Boiler III(steam capacity 4TPH)	Briquette 8TPD	1	32	0.7	150
4	Proposed-Boiler - IV (steam capacity 3 TPH)	Briquette 8TPD	1	32	0.7	150
5	Proposed -TFH - I (1 lac kcal/hr)	Bio-diesel-150 lit/day	1	32	0.37	160
6	Proposed -TFH - I (4 lac kcal/hr)	Bio-diesel-150 lit/day	0	0	0	--
7	Existing-DG Set 250 KVA	Diesel-100 lit/day	1	4mt above roof	--	130
8	Existing-DG Set 500KVA	Diesel-100 lit/day	1	5mt above roof	--	130
9	Proposed-DG Set 270 KVA	Diesel-100 lit/day	1	3.5 mt above roof	--	130


40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	FO	650 Lit/ day	0	650 Lit/ day
2	Briquette	0	16 TPD	16 TPD
3	Diesel	200 lit/day	100 lit/day	300 lit/day
4	Bio-diesel	0	300 lit/day	300 lit/day
41.Source of Fuel		From nearby vendors		
42.Mode of Transportation of fuel to site		by road		


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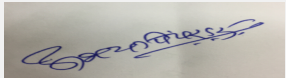
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43.Green Belt Development	Total RG area :	8,89,1 sq. m.
	No of trees to be cut :	NA
	Number of trees to be planted :	Approx. 600 nos.
	List of proposed native trees :	detail will be given in EIA report
	Timeline for completion of plantation :	2 Years

44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mimusopselengi	Bakuli	As per green belt development	Fast Growing, Evergreen, Oblong/ Round
2	Lagerstroemia speciosa	Queen Crape Myrtle	As per green belt development	Fast Growing, Evergreen, Oblong
3	Polyalthialongifolia	Ashok	As per green belt development	Fast Growing, Evergreen, Conical/ Rounded
4	Careyaarborea	Kumbhi	As per green belt development	Fast Growing, Evergreen, Spreading
5	Mangiferaindica	Mango	As per green belt development	Fast Growing, Evergreen, Round/ oblong
6	Ficusglomerata	Umber	As per green belt development	Fast Growing, Evergreen, Spreading
7	Hardwickiabinata	Anjan	As per green belt development	Fast Growing, Evergreen, Spreading
8	Aeglemarmelos	Bel	As per green belt development	Fast Growing, Evergreen, Round/ oblong
9	Feroniaelephantum	Kawath	As per green belt development	Fast Growing, Evergreen, Round/ oblong
10	Azadirachtaindica	Neem	As per green belt development	Fast Growing, Evergreen, Spreading
11	Cochlospermumreligiosum	Ganeri	As per green belt development	Fast Growing, Evergreen, Spreading
12	Holopteleaintegrifolia	Ainsadada/ Vavla	As per green belt development	Fast Growing, Evergreen, Spreading
13	Balanilesroxburghii	Hinganbet/Hingu	As per green belt development	Fast Growing, Evergreen, Spreading
14	Helicterisisora	Murad sheng	As per green belt development	Fast Growing, Evergreen, Round/ oblong
15	Gymnosporiamontana	Henkal	As per green belt development	Fast Growing, Evergreen, Spreading
16	Holarrhenapuboscens	Pandhra-Kuda	As per green belt development	Fast Growing, Evergreen, Oblong
17	Bauhinia purpurea	Butterfly Tree	As per green belt development	Fast Growing, Deciduous, Oblong
18	Bauhinia racemosa	Astha	As per green belt development	Fast Growing, Deciduous, Oblong
19	Gardenia jasminoides	Anant	As per green belt development	Fast Growing, Evergreen, Oblong
20	Hibiscus rosa-sinensis	Chinese Hibiscus	As per green belt development	Fast Growing, Evergreen, Round/ oblong


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21	Nyctanthus arbor-tristis	Parijatak	As per green belt development	Fast Growing, Deciduous, Oblong/Round
22	Psidium guava	Guava tree	As per green belt development	Fast Growing, Evergreen, Oblong
23	Calycopteris floribunda	Ukshi	As per green belt development	Fast Growing, Evergreen, Spreading

45.Total quantity of plants on ground

46.Number and list of shrubs and bushes species to be planted in the podium RG:

Serial Number	Name	C/C Distance	Area m2
1	NA	NA	NA

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	500 KVA (existing)
	DG set as Power back-up during construction phase	Existing DG set-500 KVA Proposed DG set- 270 KVA
	During Operation phase (Connected load):	Proposed power requirement: 1970KW
	During Operation phase (Demand load):	Proposed power requirement:850 KVA
	Transformer:	1000 KVA
	DG set as Power back-up during operation phase:	Existing DG set- 500 KVA Proposed DG set- 270 KVA
	Fuel used:	Diesel : 300Lit/ Day (existing & proposed)
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:


NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air pollution-Boiler, DG set	Stack, scrubber, Dust collectors, cyclone	Stack, scrubber, Dust collectors, cyclone
Water pollution	ETP	--
Noise	PPE, Acoustic Enclosure	PPE, Acoustic Enclosure


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Solid & Hazardous waste	Disposal to CHWTSDF, Authorized recycler	Disposal to CHWTSDF, Authorized recycler
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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	RCC	Reinforced	7 Cr.

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	From Utilities, Process and DG set	9 cr	3 cr
2	Environmental Monitoring	Regular Monitoring	10 cr	2 cr
3	Water Pollution Control	ETP upgradation	3 cr	1 cr
4	Hazardous Waste and Solid waste management	Storage and Disposal of Hazardous waste and Non-hazardous waste	0.25 cr	2.25 cr
5	Green Belt Development	Development and Maintenance of Green Belt	0.25 cr	0.03 cr
6	Occupational Health and Safety	PPE, Safety Training	0.1	0.25

51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)

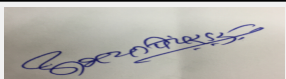
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
methanol	Existing	within plot	30 KL	30 KL	100 TPM	nearby vendors	by road

52.Any Other Information

No Information Available


53.Traffic Management

Nos. of the junction to the main road & design of confluence:	Not applicable
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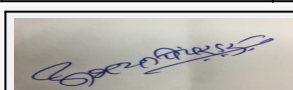
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Parking details:	Number and area of basement:	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Not applicable
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	minimum 6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5(f)-B
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	27-07-2019

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable



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Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable
Brief information of the project by SEAC	
PP requested for withdrawal of application vide letter dated 24.04.2020.	
DECISION OF SEAC	

SEAC-AGENDA-0000000425

As requested by PP, SEAC-1 decided to delist the proposal.

Specific Conditions by SEAC:

- 1) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles/association.
- 2) PP to submit lay out plan showing internal roads with minimum six meter width and nine meter turning radius, entry/exit gates provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
- 3) PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.
- 4) PP to submit copy of amalgamation order for plot Nos. A-5/1, A-5/2, A-5/3, A-6/1, A-6/3, A-6/4 and Sr. No. 169/10.
- 5) PP to carry out life cycle analysis of all the products manufactured on site with respect to the acidification potential, eutrophication potential, green house and ozone depletion potential etc and proposed mitigation measures to reduce the identified potentials.
- 6) PP to include detailed product wise material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- 7) PP to include detailed water balance calculations along with design details of effluent treatment plant and copy of CETP permission mentioning quantity of treated effluent permitted to discharge in the CETP in case no such permission is obtained, PP to submit design details of ZLD Effluent Treatment Plant in the EIA report.
- 8) PP to submit an affidavit for not violating any requirement of EIA Notification, 2006 amended from time to time.
- 9) PP to carry out scrubber adequacy study and include in the EIA report.
- 10) PP to prepare the Legal Register with respect to compliance of various Acts , Rules and Regulations applicable to the manufacturing activities.
- 11) PP to carry out HAZOP and QRA and submit disaster management plan.
- 12) PP to include details of generation and disposal of hazardous waste including byproducts as per Hazardous and other waste (Management and Trans boundary Movement) Rules, 2016 in the EIA report.
- 13) PP to submit technical note on how proposed expansion will be accommodated in the existing manufacturing plant along with equipment layout, spaces required for storage of raw materials and finished products etc.
- 14) PP to submit structural stability certificate of existing building with respect to the proposed expansion.
- 15) PP to include water and carbon foot print monitoring in the EMP.
- 16) PP to submit hazardous chemical handling protocol
- 17) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly. PP to provide lightening arrestor.
- 18) PP to ensure that, the uniform information is given in the Form-I/II, EIA/EMP report and presentation, consolidated statement.

FINAL RECOMMENDATION

Kindly find SEAC decision above.



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