

Agenda for 145 th SEAC-1 Meeting (DAY-2)

SEAC Meeting number: 145 Meeting Date December 30, 2017

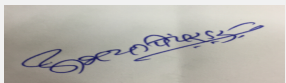
Subject: Environment Clearance for Change in composition of products (organic fine chemicals) with reduction in quantity

1.Name of Project	Rane Rao Reshamia Laboratories Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Rane Rao Reshamia Laboratories Pvt. Ltd.
4.Name of Consultant	none
5.Type of project	In Industrial Area of MIDC Talaja
6.New project/expansion in existing project/modernization/diversification in existing project	Application is for change in composition and quantity of products manufactured/to be manufactured and reduction in production quantity
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	n.a.
8.Location of the project	Shed W-147A, Plot N15 MIDC Talaja
9.Taluka	Panvel
10.Village	Tandhore
Correspondence Name:	Rane Rao Reshamia Labs Pvt. Ltd.
Room Number:	-
Floor:	-
Building Name:	RRR House
Road/Street Name:	Plot 80, Sector 23, CIDCO Industrial Area
Locality:	Near Bank of India
City:	Navi Mumbai
11.Area of the project	Factory is in MIDC Talaja
12.IOD/IOA/Concession/Plan Approval Number	n.a. IOD/IOA/Concession/Plan Approval Number: n.a. Approved Built-up Area: 65
13.Note on the initiated work (If applicable)	We had applied for change in composition of product during renewal of consent in Dec 2015 to MPCB. Recently, we were asked to approach SEAC for EC.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	n.a.
15.Total Plot Area (sq. m.)	About 115 sq.m.
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 65
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	500000

22.Number of buildings & its configuration


Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Shed W-147A	Not applicable	6

23.Number of tenants and shops	Not applicable
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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))	About 12 m
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29. Existing structure (s) if any	Not applicable
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	Benzylidene Acetone	0.2	nil	nil
2	Pyridinium Sulfobetaine	0.2	nil	nil
3	Alkyl & Propyl Amines	0.1	nil	nil
4	Isothiocarbamides	0.1	nil	nil
5	Synthetic ketonic resin	0	0.25	0.25

32. Total Water Requirement

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Dry season:	Source of water	MIDC								
	Fresh water (CMD):	0.8-1.0								
	Recycled water - Flushing (CMD):	Not applicable								
	Recycled water - Gardening (CMD):	Not applicable								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	0.8-1.0 m3/day								
	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	MIDC								
	Fresh water (CMD):	0.6-0.8								
	Recycled water - Flushing (CMD):	Not applicable								
	Recycled water - Gardening (CMD):	Not applicable								
	Swimming pool make up (Cum):	Not applicable								
	Total Water Requirement (CMD) :	0.6-0.8 m3/day								
	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	0.5	0.5	0.5	nil	nil	nil	0.5	0.5	0.5	
Domestic	0.4	0.4	0.4	nil	nil	nil	0.4	0.4	0.4	



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	n.a.
	Size and no of RWH tank(s) and Quantity:	n.a.
	Location of the RWH tank(s):	n.a.
	Quantity of recharge pits:	n.a.
	Size of recharge pits :	n.a.
	Budgetary allocation (Capital cost) :	n.a.
	Budgetary allocation (O & M cost) :	n.a.
	Details of UGT tanks if any :	none
35.Storm water drainage	Natural water drainage pattern:	to storm water drain
	Quantity of storm water:	n.a.
	Size of SWD:	n.a.
Sewage and Waste water	Sewage generation in KLD:	0.9
	STP technology:	Primary treatment with equalisation, neutralisation, clariflocculation, sedimentation and dual media filtration
	Capacity of STP (CMD):	ONE, capacity 2.5 KLD
	Location & area of the STP:	in Shed W-147A, Plot N15, MIDC Taloja
	Budgetary allocation (Capital cost):	5.0 lakhs
	Budgetary allocation (O & M cost):	Rs. 25000 pm
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	n.a.
	Disposal of the construction waste debris:	n.a.
Waste generation in the operation Phase:	Dry waste:	n.a.
	Wet waste:	n.a.
	Hazardous waste:	n.a.
	Biomedical waste (If applicable):	n.a.
	STP Sludge (Dry sludge):	About 20 kg of Wet Organic Waste per month
	Others if any:	n.a.


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Mode of Disposal of waste:	Dry waste:	n.a.
	Wet waste:	n.a.
	Hazardous waste:	n.a.
	Biomedical waste (If applicable):	n.a.
	STP Sludge (Dry sludge):	STP Sludge is partially dried and sent to Mumbai Waste Management Ltd., Talaja for disposal
	Others if any:	n.a.
Area requirement:	Location(s):	Existing Plant
	Area for the storage of waste & other material:	n.a.
	Area for machinery:	n.a.
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	n.a.
	O & M cost:	n.a.

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	digits	2-3	6.0-8.0	5.5-9.0
2	Heavy Metals Cr Cu Ni Pb etc	mg/Lit	nil	nil	11
3	Temperature	deg C	ambient	ambient	below 45 deg C
4	Oil and Grease	mg/Lit	n.a.	2.6	20
Amount of effluent generation (CMD):		0.8 cmd			
Capacity of the ETP:		2.5 cmd			
Amount of treated effluent recycled :		nil at present			
Amount of water send to the CETP:		0.8 cmd			
Membership of CETP (if require):		member of Talaja CETP			
Note on ETP technology to be used		n.a.			
Disposal of the ETP sludge		To Talaja CETP			

38. Hazardous Waste Details


Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	STP Sludge	Organic residue	MT/month	0.20	0.20	0.20	Mumbai Waste Management Ltd. Talaja

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	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total



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1	n.a.	n.a.	n.a.	n.a.
41.Source of Fuel		n.a.		
42.Mode of Transportation of fuel to site		n.a.		
43.Green Belt Development	Total RG area :	n.a.		
	No of trees to be cut :	n.a.		
	Number of trees to be planted :	n.a.		
	List of proposed native trees :	n.a.		
	Timeline for completion of plantation :	n.a.		
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	n.a.	n.a.	n.a.	n.a.
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	n.a.	n.a.	n.a.	
47.Energy				
Power requirement:	Source of power supply :	MSEDCL		
	During Construction Phase: (Demand Load)	n.a.		
	DG set as Power back-up during construction phase	n.a.		
	During Operation phase (Connected load):	30 HP		
	During Operation phase (Demand load):	25 HP		
	Transformer:	n.a.		
	DG set as Power back-up during operation phase:	n.a.		
	Fuel used:	n.a.		
	Details of high tension line passing through the plot if any:	n.a.		
48.Energy saving by non-conventional method:				
Drying of sludge under sunlight				

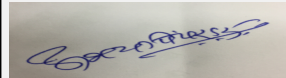

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49.Detail calculations & % of saving:							
Serial Number	Energy Conservation Measures	Saving %					
1	n.a.	nil					
50.Details of pollution control Systems							
Source	Existing pollution control system	Proposed to be installed					
Indigenous	Primary treatment with equalisation, neutralisation, clariflocculation, sedimentation and dual media filtration	None					
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	n.a.					
	O & M cost:	n.a.					
51.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	n.a.	n.a.	n.a.				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Neutralisation	Alkalis and Acids	nil	Rs. 1.8 lacs/year approx			
2	ETP equipments	Clariflocculator, pumps, scrubber, filter	Rs. 5.0 lakhs	Rs. 2.4 lac/year estimated			
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
Carbon disulphide	proposed	In Store, under water blanket	0.5	0.5	0.4	Locala	Own tempo
52.Any Other Information							
No Information Available							
53.Traffic Management							
	Nos. of the junction to the main road & design of confluence:	n.a.					


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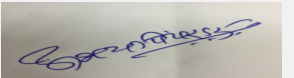
Parking details:	Number and area of basement:	n.a.
	Number and area of podia:	n.a.
	Total Parking area:	n.a.
	Area per car:	n.a.
	Area per car:	n.a.
	Number of 2-Wheelers as approved by competent authority:	n.a.
	Number of 4-Wheelers as approved by competent authority:	n.a.
	Public Transport:	n.a.
	Width of all Internal roads (m):	6
	CRZ/ RRZ clearance obtain, if any:	n.a.
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	n.a.
	Category as per schedule of EIA Notification sheet	n.a.
	Court cases pending if any	none
	Other Relevant Informations	We wish to change the product composition from existing four organic chemicals (total permitted capacity 600 kg/month) to one new organic chemical (with reduction in monthly capacity from 600 kg to 250 kg/month). We had applied for change in composition while applying for renewal of consent to MPCB in Dec 2015. Recently, we were asked to approach SEAC and get EC first.
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

Brief information of the project by SEAC

DECISION OF SEAC


During deliberations with the project proponenet it was observed that PP has not submitted adequate and specific information regarding their project in the consolidated statement and hence in agreement with the PP SEAC-I decided to delist the proposal and directed PP to submit a fresh and correct proposal for further appraisal.

Specific Conditions by SEAC:


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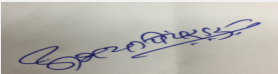
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FINAL RECOMMENDATION

Kindly find SEAC decision above.


SEAC-AGENDA-00000000043



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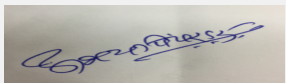
Subject: Environment Clearance for Chemical Manufacturing Plant- DMSS INFRA (INDIA) PRIVATE LIMITED

1.Name of Project	DMSS INFRA (INDIA) PRIVATE LIMITED
2.Type of institution	Private
3.Name of Project Proponent	Mr. Jayesh Ashok Jakhete, Mr. Jagadish Hari Pardeshi and Mr. Nilesh Subhash Upasani
4.Name of Consultant	Ultra-Tech
5.Type of project	Industrial Project
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Plot No. FS- 36
9.Taluka	Mahad
10.Village	Birwadi
Correspondence Name:	301,3rd Floor, Kapil TowerA, Near old RTO office, Pune
Room Number:	NA
Floor:	3rd
Building Name:	Kapil Tower A
Road/Street Name:	--
Locality:	Indian
City:	Pune
11.Area of the project	Project located at Mahad MIDC
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area:
13.Note on the initiated work (If applicable)	No
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	8000
16.Deductions	NA
17.Net Plot area	8000
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): b) Non FSI area (sq. m.): c) Total BUA area (sq. m.):
19.Total ground coverage (m2)	0
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	0
21.Estimated cost of the project	747.53

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	NA
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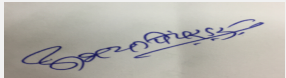
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24.Number of expected residents / users	50
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	9m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9-12m
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	Gluconate-1) Zinc Gluconate	0	150	150
2	Gluconate-2) Ferrous Gluconate	0	160	160
3	Gluconate-3) Magnesium Gluconate	0	100	100
4	Gluconate- 4)Calcium Lactate Gluconate	0	650	650
5	Lactates- 5) Calcium Lactate	0	70	70
6	Lactates-6) Magnesium Lactate EP grade	0	100	100
7	Lactates-7) Zinc Lactate	0	250	250
8	Orotates- 8) Calcium Orotate	0	100	100
9	Orotates- 9) Magnesium Orotate	0	150	150
10	Ascorbates-10) Calcium Ascorbate (Req ATFD)	0	160	160
11	11) Zinc Ascorbate	0	200	200
12	12) Iron Sucrose	0	36	36
13	13) Iron Polymatose	0	160	160
14	14) calcium Citrate	0	120	120


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15	15) Calcium Acetate	0	200	200
16	16) Feric Pyrophosphate	0	200	200
17	17) Ferric Carboxy Maltose	0	5.5	5.5
18	18) Zinc PCA	0	240	240
19	19) Saligin PP (Propylparaben)	0	900	900
20	20) Saligin MP (Metylparaben)	0	900	900

32.Total Water Requirement


Dry season:	Source of water	MIDC Mahade
	Fresh water (CMD):	45.5
	Recycled water - Flushing (CMD):	29.5 reused for Process & utility
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	75
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	100
	Excess treated water	NA
Wet season:	Source of water	MIDC Mahade
	Fresh water (CMD):	45.5
	Recycled water - Flushing (CMD):	29.5 reused for Process & utility
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	75
	Fire fighting - Underground water tank(CMD):	100
	Fire fighting - Overhead water tank(CMD):	100
	Excess treated water	NA
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed


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Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	8	8	0	0	0	0	6	2
Industrial Process	0	26.5	26.5	0	11.5	11.5	0	12	12
Gardening	0	10	10	0	0	0	0	0	0
Industrial Process	0	30.5 Lab & utility	30.5	0	5	5	0	10.5	10.5

34. Rain Water Harvesting (RWH)	Level of the Ground water table:	10-15 m
	Size and no of RWH tank(s) and Quantity:	50 cum
	Location of the RWH tank(s):	-
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 10.00 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 3.00 Lakhs /Annum
	Details of UGT tanks if any :	5 cum

35. Storm water drainage	Natural water drainage pattern:	Towards SW
	Quantity of storm water:	100 m ³ /hr. max.
	Size of SWD:	600 mm

Sewage and Waste water	Sewage generation in KLD:	1
	STP technology:	NA
	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


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Waste generation in the Pre Construction and Construction phase:	Waste generation:	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	Dry waste:	16 kg/day
	Wet waste:	8 kg/day
	Hazardous waste:	Coal Ash-75 kg/d, DRUMS, HDPE BAGS, LDPE BAGS SALE TO RECYCLERS AND RESELLERS - 100 Nos. day
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Handed over to Authorized recycler
	Wet waste:	composting
	Hazardous waste:	Disposal at CHWTSDF
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	used as manure
	Others if any:	NA
Area requirement:	Location(s):	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA


37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	-	6-8	6-8	5.5-9
2	COD	mg/l	2500	250	250
3	BOD	mg/l	500	100	100
4	TSS	mg/l	250	100	100
5	TDS	mg/l	5000	2000	2000
6	oil & grease	mg/l	10	5	5
Amount of effluent generation (CMD):		24.5			
Capacity of the ETP:		35			
Amount of treated effluent recycled :		29.5			
Amount of water send to the CETP:		--			
Membership of CETP (if require):		applied			


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Note on ETP technology to be used	Effluent is collected in the collection tank (RCC Brick line underground tank). The collected effluent is then sent for Neutralisation tank, where pH is maintained of the effluent. Neutralisation is done with Hydrated Lime under constant stirring. The neutral water is then clarified in Primary Clarifier. The sludge is the sent to sludge bed where it is dried and Gypsum is formed. The gypsum is sold as by-product or is disposed off to CHWTSDF. Filtrate from Primary Clarifier is sent for Biologica
Disposal of the ETP sludge	Sent to CHW-TSDF

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP sludge	34.3 Chemical sludge from waste water treatment	NA	0	0.3 MT/day	0.3 MT/day	Sent to CHW-TSDF

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	Stack attached to Boiler	coal	1	30	1.2	190

40.Details of Fuel to be used


Serial Number	Type of Fuel	Existing	Proposed	Total
1	coal	NA	coal	coal
41.Source of Fuel		Authorized vendor		
42.Mode of Transportation of fuel to site		by road		

43.Green Belt Development

Total RG area :	2640
No of trees to be cut :	NA
Number of trees to be planted :	400
List of proposed native trees :	all native trees
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	Azadirachtaindica	Neem	20	Large tree, good for roadside plantation
2	Anthocephalus kadamba	Kadamba	40	Shady, large tree, ball shaped flowers.
3	Alstonia scholars	Saptaparni	30	Shady, large evergreen Tree, white fragrant flowers


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4	Cassia fistula	Bahava	20	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
5	Mesuaferria	Nagchampa	20	It known for its fragrant flowers
6	Micheliachampaca	Champa	25	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
7	Mimusopselengi	Bakul	30	Shady tree, small white fragrant flowers
8	Pongamiapinnata	Karanj	25	Shady tree.
9	Bauhineablackeana	Apta / Kanchan	20	Small tree with small white flowers, Butterfly host plant
10	Saracaasoca Delonixregia	Sita Ashok	20	Shady tree with red-yellow flowers.
11	Tectona grandis	Teak	45	tropical hardwood tree species placed in the flowering plant family Lamiaceae
12	Delonixregia	Gulmohor	20	flowering plant
13	Sesamum indicum	Seasam	25	flowering plant
14	Gardenia jasminoides	Ananta	25	flowering plant
15	Calistemonlanceolatus	Bottle Brush	35	flowering plant

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)	--
	DG set as Power back-up during construction phase	50 KVA
	During Operation phase (Connected load):	1142400 KWH
	During Operation phase (Demand load):	50 KVA
	Transformer:	1 No.
	DG set as Power back-up during operation phase:	350 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:



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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	
ETP	-		proposed 30 KLD	
S Tack	-		proposed for boiler & DG	
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	Air	Water For Dust Suppression Air & Noise Monitoring	1.44	
2	Water	Tanker Water For Construction Water Monitoring	6.48	
3	Land	Site Sanitation-	4.00	
4	Biological	Gardening Set Up and top soil preservation	3.00	
5	Socio- Economic Environment	Disinfection- Pest Control First Aid Facilities Health Check Up Creches For Children Personal Protective Equipment	5.00	
b) Operation Phase (with Break-up):				
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Emission control	Stack	15.00	10.00
2	Water & Wastewater management	ETP	50.00	5.00
3	Solid Waste	--	5.00	2.00
4	Green Belt Development	Green Belt Development	5.00	2.00
5	Monitoring	MOEF&CC	--	1.00
6	Contingency	--	3	2
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)				


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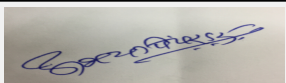
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
GDL	Solid	--	60.00	60.00	72.00	Local	by road
Zink Oxide	Solid	--	5.00	5.00	6.00	Local	by road
Ferric Oxide	Solid	--	5.00	5.00	6.00	Local	by road
Magnesium Oxide	Solid	--	5.00	5.00	6.00	Local	by road
Lactic acid	Soild	--	10.00	10.00	12.00	Local	by road
Calcium Oxide	Solid	--	5.00	5.00	6.00	Local	by road
Orotic Acid	Solid	--	10.00	10.00	12.00	Imported	-
AscorbicAcid	Solid	--	5.00	5.00	6.00	Local	by road
FerricChloride	Solid	--	2.00	2.00	2.4	Local	by road
Sucrose	Solid	--	5.00	5.00	6.00	Local	by road
NaoH	Liquid	--	5.00	5.00	6.00	Local	by road
Maltodextrin	Solid	--	5.00	5.00	6.00	Local	by road
CitricAcid	Solid	--	5.00	5.00	6.00	Local	by road
AceticAcid	Solid	--	5.00	5.00	6.00	Local	by road
HydrobenzoicAcid	Solid	--	5.00	5.00	6.00	Imported	--
Propanol	Solid	--	5.00	5.00	6.00	Local	by road
Methanol	Solid						

52.Any Other Information

No Information Available


53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	2
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	960
	Area per car:	12.00m
	Area per car:	12.00m
	Number of 2-Wheelers as approved by competent authority:	--
	Number of 4-Wheelers as approved by competent authority:	--
	Public Transport:	--
Width of all Internal roads (m):	6-9 m	


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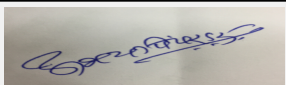
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	5 (f) BCat.
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

As the industry is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisions as per para 7 III Stage (3) (b) of the EIA Notification, 2006


DECISION OF SEAC



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Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR issued by MoEF & CC published in April, 2015 and additional TOR points mentioned below.


PP to collect base line data as per Office Memorandum issued by MoEF&CC dated 27.08.2017.

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 entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc.
- 3) 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.
- 4) PP to carry out HAZOP and QRA and submit report
- 5) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc.
- 6) PP to submit hazardous chemical handling protocol
- 7) PP to provide lightening arrestor
- 8) PP to submit CETP membership certificate.
- 9) No coal shall be used for any purpose in proposed project.
- 10) PP to include detailed water balance calculation in the EIA report.
- 11) PP to submit design details of proposed Effluent Treatment Plant.
- 12) PP to submit documents with respect to the notified industrial area of the proposed location. If proposed site is not within notified industrial area PP to conduct Public Hearing as per EIA Notification, 2006.


FINAL RECOMMENDATION

The Committee decided to Grant ToR subject to the above observations, PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.


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Agenda for 145 th SEAC-1 Meeting (DAY-2)

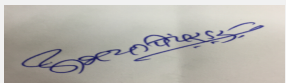
SEAC Meeting number: 145 Meeting Date December 30, 2017

Subject: Environment Clearance for Environment Clearance for Schedule 5(f), Synthetic Organic Chemical Industries, 'B' Category

1.Name of Project	Manufacturing and Supply of Synthetic Coal Tar Dyes, Lakes & Pigments For Food, Drug, Cosmetics, Personal Care and Ink Industries, Natural Colours & Chemicals
2.Type of institution	Private
3.Name of Project Proponent	M/s. Neelikon Food Dyes & Chemicals Ltd.
4.Name of Consultant	M/s. Green Circle, Inc.
5.Type of project	It is Industrial Project saturated at MIDC Dhatav
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed Expansion Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	At the time of Establishment of the existing unit in the year 2002, Environmental Clearance was not Pre- requisite for the Manufacturing & Supply of Food Colours. Hence CTO (Consent to Operate) was obtained from MPCB (Consent No. BO/TB/Raigad - 114/CC - 716 dated 03.08.2002) for establishment & operation of the plant.
8.Location of the project	Plot no. 17, Unit no. II, MIDC Dhatav-Roha, Taluka- Roha, District- Raigad, Maharashtra.
9.Taluka	Roha
10.Village	Dhatav
Correspondence Name:	Plot no. 17, Unit no. II, MIDC Dhatav-Roha, Taluka- Roha, District- Raigad, Maharashtra.
Room Number:	Not Applicable
Floor:	Not Applicable
Building Name:	Not Applicable
Road/Street Name:	Not Applicable
Locality:	Roha
City:	Roha
11.Area of the project	Maharashtra Industrial Development Corporation (MIDC) Dhatav-Roha
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: PLN/SNK/R-200/2193/2013 DATED -12/11/2013
	Approved Built-up Area: 6457.35
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	39569 sq. m
16.Deductions	Not Applicable
17.Net Plot area	Not Applicable
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Not Applicable
	b) Non FSI area (sq. m.): Not Applicable
	c) Total BUA area (sq. m.): 6457.35
19.Total ground coverage (m2)	Not Applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not Applicable
21.Estimated cost of the project	970700000


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


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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))	8 meters
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 meters
29.Existing structure (s) if any	Existing industry (as per CTO)
30.Details of the demolition with disposal (If applicable)	The proposed project site area is an existing manufacturing industry. Some part of existing structures has to be demolished in 2820 sq.meter area and site preparation shall involve clearing of shrubs and vegetation.


31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Synthetic coal tar dyes or Azo colours for Food, Drug, Cosmetics ,Personal Care, Ink and Industrial application	60	140	200
2	Aluminium Lakes for Food, Drug, Cosmetics ,Personal Care, Ink and Industrial application	50	100	150
3	D&C Lakes for Drug, Cosmetics ,Personal Care, Ink and Industrial application	05	45	50
4	Quinoline/Quinoline Yellow /D&C yellow 10 for Food, Drug, Cosmetics ,Personal Care, Ink and Industrial application	10	10	20
5	Pyrene/Solvent Green 7/ SAPT4 for Drug, Cosmetics ,Personal Care, Ink and Industrial application	04	06	10
6	Qumarin/D&C Violet 2/Ext D&C Violet 2 for Drug, Cosmetics ,Personal Care, Ink and Industrial application	01	09	10
7	Tri-Phenol Methyl/ Brilliant Blue FCF/Fast Green FCF/Patent Blue v/Green S for Food, Drug, Cosmetics ,Personal Care, Ink and Industrial application	00	50	50
8	Dispersions of Water/Sugar/Oil for Food, Drug, Cosmetics ,Personal Care, Ink and Industrial application	00	30	30
9	Salt Free Dyes for Specialty Ink application	00	10	10
10	Indigo/Indigo Carmine for Food, Drug, Cosmetics ,Personal Care, Ink and Industrial application (Job Work)	00	10	10
11	Xanthene/ Erythrosine/Phloxine/ Eosine/Uranine for Food, Drug, Cosmetics ,Personal Care, Ink and Industrial application (Job Work)	00	10	10


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12	Synthetic coal tar dyes or Azo colours for Food, Drug, Cosmetics ,Personal Care, Ink and Industrial application (Job Work)	00	200	200
13	Xanthene/Erythrosine/Phloxine/Eosine/Uranine for Food, Drug, Cosmetics ,Personal Care, Ink and Industrial application (Out Source)	00	10	10
14	Organic Pigments for Drug, Cosmetics ,Personal Care, Ink and Industrial application (Out Source)	00	10	10
15	In-Organic Pigments for Drug, Cosmetics ,Personal Care, Ink and Industrial application (Out Source)	00	50	50
16	Natural colours for Food, Drug, Cosmetics ,Personal Care, Ink and Industrial application (Out Source)	00	10	10
17	Mixture of above	Above in any combination	Above in any combination	Above in any combination
18	Excess Capacity	20	00	20


32.Total Water Requirement

Dry season:	Source of water	MIDC water supply
	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) :	Not Applicable
	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	MIDC water supply
	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) :	Not Applicable
	Fire fighting - Underground water tank(CMD):	Not Applicable
	Fire fighting - Overhead water tank(CMD):	Not Applicable
	Excess treated water	Not Applicable



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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	55	145	200	5.5	14.5	20	49.5	130.5	180
Industrial Process	150	488	638	30	98	128	120	390	510
Cooling tower & thermopack	310	582	892	43.2	100.8	144	266.8	481.2	748
Gardening	05	15	20	05	15	20	0	0	0
34.Rain Water Harvesting (RWH)	Level of the Ground water table:		Pre-monsoon: 0.95to 7.70 m bgl & Post-monsoon: 1.10 to 4.05 m bgl						
	Size and no of RWH tank(s) and Quantity:		Not applicable						
	Location of the RWH tank(s):		Not applicable						
	Quantity of recharge pits:		Not applicable						
	Size of recharge pits :		Not applicable						
	Budgetary allocation (Capital cost) :		Rs. 25 lakhs						
	Budgetary allocation (O & M cost) :		Rs. 0.25 Lakhs						
	Details of UGT tanks if any :		500 Mtr3 X 2 Nos. for water storage						
35.Storm water drainage	Natural water drainage pattern:		Strom water drainage						
	Quantity of storm water:		0.145 m3 per sec						
	Size of SWD:		8 inch dia.						


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Sewage and Waste water	Sewage generation in KLD:	180 KLD (Existing: 49.5 KLD & Proposed: 130.5)
	STP technology:	Domestic waste water will be treated in ETP
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	Not Applicable
	Budgetary allocation (O & M cost):	Not Applicable

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction debris, Waste concrete, metallic waste, plastics, broken bricks etc.
	Disposal of the construction waste debris:	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be use for back-filling and remaining will be hand over to authorized vendor.
Waste generation in the operation Phase:	Dry waste:	Lime sludge of PTSA, Lead sludge of TPM, Plastic Scrap 3rd Quality, Scrap Plastic & M S Drums Capacity 35 Ltr To 50 Ltrs 2nd Quality, Scrap HDPE & LDPE Bags, Scrap Rubber, Charcoal, Coal Ash
	Wet waste:	Hazardous wet Waste like ETP Sludge
	Hazardous waste:	ETP Sludge, Process Sludge of MnO2 from TPM, Process Sludge of Lime from Quinoline, Spent Oil, Glass Wool, Glass , Hyflo/Silica
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	To authorized vendor for further processing/use
	Wet waste:	To Mumbai Waste Management, Taloja
	Hazardous waste:	To Mumbai Waste Management, Taloja
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not Applicable
Area requirement:	Location(s):	Near to Plant B
	Area for the storage of waste & other material:	Existing: 106.8 sq. m + Proposed 217.75 sq. m = Total 327.55 sq.m.
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 216 Lakhs
	O & M cost:	Rs. 1 Lakhs


37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	6.5	7.5	6.5 to 7.5
2	BOD	mg/l	391	221	100


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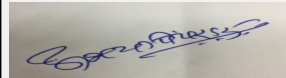
3	COD	mg/l	1308	677	250
4	TSS	mg/l	631	390	100
5	TDS	mg/l	8198	7788	2100
Amount of effluent generation (CMD):		1438			
Capacity of the ETP:		Existing ETP Capacity: 500 KLD and it is proposed to be expanded to 1500 KLD capacity.			
Amount of treated effluent recycled :		Not Applicable			
Amount of water send to the CETP:		1438 KLD			
Membership of CETP (if require):		Yes			
Note on ETP technology to be used		The ETP is comprised of primary, secondary & tertiary treatment unit's viz. equalization tank, Lamella, aeration tank, Clariflocculator, Neutche, Sand filter, Carbon filter			
Disposal of the ETP sludge		Sent to Mumbai Waste Management, Talaja			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP Sludge	26.2	Mt/ Month	50	150	200	Send to Mumbai Waste Management, Talaja
2	Process Sludge of MnO2 from TPM	26.1	Mt/ Month	0	50	50	Send to Mumbai Waste Management, Talaja
3	Process Sludge of Lime from Quinoline	26.1	Mt/ Month	40	40	80	Send to Mumbai Waste Management, Talaja
4	Spent Oil	5.1	Mt/ Month	0	0.5	0.5	Send to Mumbai Waste Management, Talaja
5	Glass Wool	--	Mt/ Month	0	0.2	0.2	Send to Mumbai Waste Management, Talaja
6	Glass	--	Mt/ Month	0	0.2	0.2	Send to Mumbai Waste Management, Talaja
7	Hyflow/Silica	--	Mt/ Month	0	0.5	0.5	Send to Mumbai Waste Management, Talaja

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 No.1 (Existing) X 5TPH	Coal/10T per day	1	30	0.5	90-110 (0C)
2	Boiler No. 2 (Proposed) X 5TPH	Coal/10T per day	1	30	0.5	90-110 (0C)
3	Boiler No. 3 (Proposed) X 5TPH	Coal/10T per day	1	30	0.5	90-110 (0C)
4	D.G. Set No. 1 (Existing) X 750 KVA	Diesel/ 50 L per day	1	5 m above roof	0.2	60-80 (0C)


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5	D.G. Set No. 2 (Proposed) X 750 KVA	Diesel/ 50 L per day	1	5 m above roof	0.2	60-80 (0C)
6	HAG No 1 (Existing) X 14000 CFM	Coal/ 5 T per day	1	20	0.5	90-110 (0C)
7	HAG No. 2 (Proposed) X 14000 CFM	Coal/ 5 T per day	1	20	0.5	90-110 (0C)
8	HAG No. 3 (Proposed) X 14000 CFM	Coal/ 5 T per day	1	20	0.5	90-110 (0C)


40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total	
1	Coal	15 T per day	30 T per day	45 T per day	
2	Diesel	50 L per day	50 L per day	100 L per day	
41.Source of Fuel		Local Market			
42.Mode of Transportation of fuel to site		Road Transport			

43.Green Belt Development	Total RG area :	5541.51 Sq m
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	83
	List of proposed native trees :	Neem, Ashoka, Pipal etc.
	Timeline for completion of plantation :	3 year

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	Syzygium cumini	Jamun	3	Fruit, fodder, poles, timber, fuel, medicinal (flowers fruits)
2	Psidium guajava	Guava	3	Guava (Psidium guajava Linn.) commonly known for its food and nutritional values throughout the world.
3	mangifera Indica	Mango	7	Fruit, timber, medicine.
4	Prunus dulcis	Badam	9	Small to medium sized tree with a spreading, open canopy, usually 10-15 feet in commercial orchards.
5	Artocarpus heterophyllus	Jackfruit	1	The flesh of the jackfruit is starchy and fibrous and is a source of dietary fiber.
6	Aladirachta indica	Neem	6	Semi-evergreen tree with medicinal value
7	Saraca asoca	Ashoka	94	It is small evergreen tree. Leaves paripinnate, stipules intra-petioler, united, and leaflets 4-6 pairs, oblong, lanceolate, glabrous.
8	Casuarina equisetifolia	Casuarina	7	The Casuarina is a deciduous tree with a soft, wispy, pine-like appearance that can grow to 100 feet or more in height.


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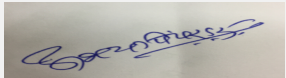
9	Leucaena leucocephala	Subabul	4	Subabul is a popular farm forestry tree in the coastal areas of Andhra Pradesh. It is one of the fast growing hardy evergreen species.
10	Launaea procumbens	Jangli	47	Yellow flowers in heads which are solitary or a few together along the branches.
11	Moringa oleifera	Drumstick	1	Fruit, fodder, hand paper
12	Banyan tree	Banyan tree	2	A very large, evergreen tree grows up to 20 m tall with spreading branches and many pillarlike aerial, prop roots.
13	Ficus religiosa	Pipal	1	Avenue trees, fuel, fodder
14	Thevetia peruviana	Kaner	50	This plant is native of Central & South America, but now frequently grown throughout the tropical and sub-tropical regions.
15	Hibiscus	Jaswand	10	The plants of this family are unique in that they have root nodules which contain nitrogen fixing symbiotic bacteria. Thus the products of these plants are the rich source of proteins.
16	Eucalyptus	Nilgiri	1	Tall evergreen tree with smooth and greyish bark, bark exfoliates in plates or strips.
17	Carica papaya	Papaya	17	Papaya (Carica papaya) is a tropical fruit having commercial importance because of its high nutritive and medicinal value.
18	Millettia pinnata	Karanja	46	Karanja is a medium-sized evergreen or briefly deciduous tree, usually about 8 m high but that can grow to 15-25 m

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

47.Energy


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Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	Existing facility will be utilized
	DG set as Power back-up during construction phase	Existing facility will be utilized
	During Operation phase (Connected load):	1736 KVA (Existing: 736 KVA & Proposed: 1000 KVA)
	During Operation phase (Demand load):	1736 KVA (Existing: 736 KVA & Proposed: 1000 KVA)
	Transformer:	-
	DG set as Power back-up during operation phase:	1500 KVA (Existing: 750 KVA & Proposed: 750 KVA)
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:


1. The proposed project will provide enough day light factors in the building to permit maximum day light to interior to minimize overall energy consump
2. Focusing on the high performance energy efficient U & R values can bring down the building energy consumption i.e. the operational cost for the any commercial buildings.
3. To the extent possible and technically feasible, energy efficient equipment will be selected.
4. Maximize the use of natural lighting through design
5. Gravity flow will be preferred wherever possible to save pumping energy.
6. Proper temperature controls will be provided to reduce load on heating systems

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Not Applicable	Not Applicable

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air emission	Cyclone with wet Scrubber, Sufficient Stack height, Sufficient Stack height with Scrubber	Cyclone with Bag Filter, Sufficient Stack height with Scrubber
Wastewater - Domestic use, process, boiler blowdown, cooling tower blowdown, washing	ETP: 500 KLD	Existing ETP Capacity: 500 KLD and it is proposed to be expanded to 1500 KLD capacity.


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Noise - Process area, Utility area, ETP area	The Boiler would be kept in an isolated area with proper acoustic treatment to have the ambient noise level as per CPCB standards. The workers would be provided with proper personal protective equipment (PPE) such as ear plugs, ear muffs etc. The DG sets would be enclosed in canopy as well as silencer.	The Boiler would be kept in an isolated area with proper acoustic treatment to have the ambient noise level as per CPCB standards. The workers would be provided with proper personal protective equipment (PPE) such as ear plugs, ear muffs etc. The DG sets would be enclosed in canopy as well as silencer.
Solid Waste	Sale/ Recycle/ disposal to Mumbai Waste Management, Talaja	Sale/ Recycle/ disposal to Mumbai Waste Management, Talaja

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	Dust suppression	1.0
2	Green area	Green Belt development	1.0
3	Solid waste	Solid waste management facility	1.0
4	Air, water, noise	Environment Monitoring	0.5
5	Health & safety	Occupational Health	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	Air, water, noise	Pollution Control Measures	12	6
2	Solid /Hazardous waste	Solid Waste Management	216	12
3	Air, water, noise	Environment Monitoring & Management	35	12
4	Rain Water Harvesting	Rain Water Harvesting	25	0.25
5	Green area	Green Belt	16	3
6	Health & safety	Occupational Health & Safety	10	-
7	Wastewater	ETP & STP	600	12

51.Storage of chemicals (inflamable/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
HYDROCHLORIC ACID	Liquid	Tankers-Raw material storage area	232.2371	232.2371	232.2371	Local supplier	Road transport
SULPHURIC ACID	Liquid	Drums- Raw Material Storage Area	108.180	108.180	108.180	Local supplier	Road transport


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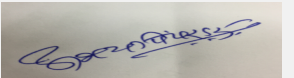
DMAS	Liquid	Drums- Raw Material Storage Area	36.696	36.696	36.696	Local supplier	Road transport
SEQUAPLEX 739	Liquid	Drums- Raw Material Storage Area	0.33103	0.33103	0.33103	Local supplier	Road transport
T.R.OIL	Liquid	Drums- Raw Material Storage Area	0.211925	0.211925	0.211925	Local supplier	Road transport
CAUSTIC	Liquid	Tankers-Raw material storage area	43.470	43.470	43.470	Local supplier	Road transport
CRUDE ACID VIOLET 43	Liquid	Drums- Raw Material Storage Area	18.750	18.750	18.750	Local supplier	Road transport
DMF	Liquid	Drums- Raw Material Storage Area	28.8750	28.8750	28.8750	Local supplier	Road transport
METAHNOL	Liquid	Drums- Raw Material Storage Area	3.530	3.530	3.530	Local supplier	Road transport
EBASA	Liquid	Drums- Raw Material Storage Area	34.317	34.317	34.317	Local supplier	Road transport
SODIUM NITRITE	Liquid	Tankers-Raw material storage area	0.577	0.577	0.577	Local supplier	Road transport
COLOUR	Liquid	Drums- Raw Material Storage Area	60.048	60.048	60.048	Local supplier	Road transport
Water/Sugar/Oil	Liquid	Bags/Drums- Raw Material Storage Area	55.260	55.260	55.260	Local supplier	Road transport
Dispersing agent	Liquid	Tankers-Raw material storage area	46.800	46.800	46.800	Local supplier	Road transport

52.Any Other Information

No Information Available


53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Two Nos.
Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	237.84 sq. m
	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:	Auto Rickshaw from 200 m the plant boundary
	Width of all Internal roads (m):	6 to 8 meters
	CRZ/ RRZ clearance obtain, if any:	Not Applicable


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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Dhatav Village 1.60 Km - SE
	Category as per schedule of EIA Notification sheet	'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	26-04-2017

Brief information of the project by SEAC

PP submitted their application to EAC, MoEF&CC on 16th May,2016 and the proposal was considered by EAC in their 8th meeting held on 27th May,2016. Following observations were made by the EAC, MoEF&CC:

" Further, it was informed that as per draft Notification of MoEF&CC vide ref.no. S.O. 2435 dated 4th September,2015, Village Dhatav, where proposed project is located, is declared as an Eco Sensitive Area. However, the final notification has not been issued. Therefore, the Committee was of the view that till the finalization of Notification, the project cannot be considered as 'A' category and advised to approach SEIAA/ASEC, Maharashtra for award of TOR. The project is, therefore, returned with the remark that proposal at this stage should be considered as 'B' category by SEIAA/SEAC, Maharashtra till the final decision on eco-sensitive is taken"

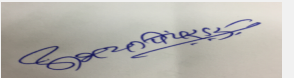
Thereafter, PP applied to SEAC for grant of TOR on 20th June, 2016.The proposal was considered by SEAC-I in their 131st meeting held on 15th July ,2016 and noted following observations:

" This committee has all along been taking a stand that decision regarding industries belonging to red category which are located in an Eco Sensitive Area as per Draft Notification of Westers Ghats should be kept in abeyance till the Draft Notification is finalized. In this case also it is not desirable to deviate from this stand.Therefore the item may be kept in abeyance till the Draft Notification is finalized."

Again PP approached EAC of MoEF & CC and the proposal was considered in 22nd meeting of EAC held on 28th July 2017 wherein EAC noted observation as below:


"The EAC, after deliberations, observed that there was no change in the status as was observed during the meeting held on 27th May, 2016 and now. The committee recommended that since the Eco-Sensitive area has yet not been notified, the proposal remains vested with the SEIAA. It was further suggested to write to SEIAA for considering the project at their end,"

DECISION OF SEAC


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Now PP approached SEAC-I again for the grant of ToR.

SEAC-I after going through the minutes of the meetings as mentioned above and Notifications, OM's and Directions issued by MoEF&CC decided as follows:

During deliberation SEAC noticed that Ministry of Environment and Forest, New Delhi has issued Directions under Section 5 of the Environment (Protection) Act, 1986 dated 13.11.2013 and Office Memorandum dated 20.12.2013 regarding prohibition of activities in the area identified as Ecologically Sensitive Area (ESA) under the High Level Working Group (HLWG) formulated for Western Ghat by Ministry of Environment, Forest and Climate Change, Government of India, New Delh.

The direction states as follows:

"The following category of new and/or expansion projects/activities shall be prohibited in the Ecologically Sensitive Area (ESA) from date of issue of these directions (that is from 13.11.2013) except those cases which have been received by EAC/MoEF or SEAC/SEIAA before the date of putting HLWG report on the web site of the Ministry that is 14.04.2013 and which are pending with EAC/MoEF or SEAC/SEIAA. Such projects will be dealt under the guidelines and rules applicable at the time of application before the respective EAC/MoEF, SEAC/SEIAA. Apart from such cases, no pending case or any fresh case shall be considered by the EAC/MoEF or SEAC/SEIAA as from the date of issue of these directions."

1. Mining, quarrying and sand mining.
2. Thermal Power Plants.
3. Building and Constrction projects of 20000 Sq.m. area and above.
4. Township and area development projects with an area of 50 ha and above an d/or with built up area of 150000 Sq.m and above.
5. Red Category of Industries

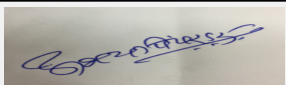
It is observed that PP has submitted proposal for the grant of Environment Clearance on 16.05.2016 which is after 14.04.2013 as mentioned in the Directions issued by MoEF&CC on 14.11.2013

The proposal under reference falls in category at Sr. No. 5 above.

In view of directions issued by MoEF, SEAC decided to bring above facts to the nitocce of SEIAA with recommendation to reject the prior Environment Clearance.


Specific Conditions by SEAC:

FINAL RECOMMENDATION


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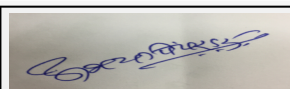
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SEAC-I have decided to recommend the proposal for rejection subject to above reasons.

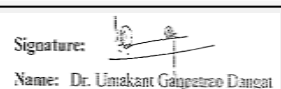
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Agenda for 145 th SEAC-1 Meeting (DAY-2)

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Subject: Environment Clearance for M/s. Pratap Organics Pvt. Ltd. at Plot No. K-6, Additional Mahad Industrial Area, Taluka Mahad, District Raigad, Maharashtra.

1.Name of Project	Manufacturing of Pharma Intermediates
2.Type of institution	Private
3.Name of Project Proponent	Mr. Mohan Shinde - Director
4.Name of Consultant	Green Circle, Inc.
5.Type of project	Not applicable
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	NA
8.Location of the project	Plot No. K-6, Additional Mahad Industrial Area, Taluka Mahad, District Raigad, Maharashtra.
9.Taluka	Mahad
10.Village	Kalij
Correspondence Name:	Mr. Mohan Shinde
Room Number:	Plot No. C-481/4,5&6,
Floor:	NA
Building Name:	M/s. Pratap Organics Pvt. Ltd.
Road/Street Name:	MIDC land, TTC Industrial area, Thane-Belapur road
Locality:	Pawane Village, MIDC
City:	Navi Mumbai
11.Area of the project	Additional Maharashtra Industrial Development Corporation (MIDC) Mahad
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 00
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.)	40002
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Not applicable b) Non FSI area (sq. m.): Not applicable c) Total BUA area (sq. m.): 00
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	135000000

22.Number of buildings & its configuration


Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	NA	NA	NA

23.Number of tenants and shops	Not applicable
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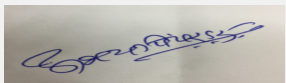
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24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	9 m
28.Turning radius for 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	Not applicable
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	Hydrocarbons and their derivatives	-	50	50
2	Ketones, Aldehydes, Acetals and their derivatives	-	50	50
3	Amines and their derivatives	-	50	50
4	Phenols, alcohols and their derivatives	-	50	50
5	Acids and their derivatives	-	50	50
6	Heterocycles	-	50	50
7	Various Acids (By-Product)	-	166.666	166.666
8	Aluminum Chloride solution (By- Product)	-	441.66	441.66
9	Ketone Isomers (By-Product)	-	14.166	14.166
10	Distilled Solvent (By-Product)	-	133.33	133.33
11	Sodium Bromide Solution (By- Product)	-	250	250

32.Total Water Requirement


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Dry season:	Source of water	MIDC water supply/Tanker water
	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) :	Not applicable
	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	MIDC water supply/Tanker water
	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) :	Not applicable
	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
Domestic	0	4	4	0	0.8	0.8	0	3.2	3.2
Industrial Process	0	60	60	0	1.2	1.2	0	58.8	58.8
Gardening	0	4	4	0	4	4	0	0	0
Cooling tower & thermopack	0	27	27	0	21.52	21.52	0	5.48	5.48


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Fresh water requirement	0	95	95	-	-	-	-	-	-
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5.0 to 6.0 m bgl
	Size and no of RWH tank(s) and Quantity:	1 tank x 300 m3
	Location of the RWH tank(s):	UG
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	Rs. 6 Lakhs
	Budgetary allocation (O & M cost) :	Rs. 0.5 Lakhs
Details of UGT tanks if any :	Water storage: 1 No. x 300 m3 firewater tank and 1 No. x 300 m3 water tank Solvent storage tanks: 8 Nos. x 16 KL Solvents to be stored - Benzene, Methanol, Isopropyl alcohol, Toluene, Methylene dichloride	

35.Storm water drainage	Natural water drainage pattern:	The industry is located in Mahad MIDC area where all the facilities are available by MIDC. The land is having gentle slope.
	Quantity of storm water:	0.148 m3/sec
	Size of SWD:	2.5 m x 1.5 m

Sewage and Waste water	Sewage generation in KLD:	3.2
	STP technology:	Soak pit
	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:	Construction debris, Waste concrete, metallic waste, plastics, broken bricks etc.
	Disposal of the construction waste debris:	Construction debris, Waste concrete and broken bricks will be utilized in low-land leveling, secondary concrete, below roads. Some quantity of Excavation soil will be use for back-filling and remaining will be hand over to authorized vendor.

Waste generation in the operation Phase:	Dry waste:	Empty drums, Carboys, Paper waste, Empty bags etc.
	Wet waste:	Hazardous wet waste like ETP Sludge etc.
	Hazardous waste:	Used oil, Spent catalyst, Distillation residue, Used drums and ETP Sludge, Used Filters/ Filters Cloths and Materials etc.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA


Mode of Disposal of waste:	Dry waste:	Sale to authorized vendors/Recyclers
	Wet waste:	Sent to the CHWTSDF site
	Hazardous waste:	Sale to MPCB approved vendors/Sent to CHWTSDF
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Near ETP area
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	-	4 - 5	5.5 - 9	5.5 - 9
2	COD	mg/L	1000 - 1200	Less Than 250	250 mg/L
3	BOD	mg/L	30 - 40	Less Than 30	30 mg/L
4	NH4+ - N	mg/L	50-100	Less Than 50	50 mg/L
5	Oil & Grease	mg/L	5 - 10	Less Than 10	10 mg/L
6	TDS	mg/L	1500 - 2000	Less Than 2000	2100 mg/L
Amount of effluent generation (CMD):		64.28			
Capacity of the ETP:		75 KLD			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		64.28 KLD			
Membership of CETP (if require):		Membership of CETP will be obtained after getting environmental Clearance.			
Note on ETP technology to be used		Conventional ASP treatment			
Disposal of the ETP sludge		Sent to CHWTSDF site for disposal			


38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Distilled residues	28.1	MTPA	NA	25	25	Will be sold to MPCB approved dealer
2	Used Drums	33.1	Nos./year	NA	2000	2000	Will be sold to MPCB Approved recycler/processor
3	ETP Sludge	35.3	MTPA	NA	25	25	Will be disposed to CHWTSDF
4	Used Filters/ Filters Cloths and Materials	35.1	MTPA	NA	4	4	Will be disposed to CHWTSDF
5	Spent Catalyst	28.2	MTPA	NA	30	30	Will be sold to MPCB Approved dealer


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6	Used Oil	5.1	L/year	NA	200	200	Will be sold to MPCB authorized vendor
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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 & 2 Nos. x 3 TPH	FO - 420 kg/ Hr	1	35	1.0	220°C
2	Thermic Fluid Heater & 4 Nos. x 10 lakh kCal/hr	FO - 520 kg/hr	2	35	1.0	220°C
3	D G Set & 2 Nos. x 500 KVA	Diesel - 45 L/hr each	3 & 4	Separate stack of 5 m above building height	0.350	100 °C
4	Common gas vent scrubber & 1000 CFM	NA	5	5	0.450	Ambient
5	HCL Gas Absorber & 200 Kg/hr	NA	6	5	0.350	Ambient


40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	-	45 L/hr each DG Set of 500 KVA	45 L/hr each DG Set of 500 KVA
2	Furnace Oil	-	940 kg/hr	940 kg/hr
41.Source of Fuel		Local Market		
42.Mode of Transportation of fuel to site		Road Transport		

43.Green Belt Development	Total RG area :	13201 Sq. m
	No of trees to be cut :	NA
	Number of trees to be planted :	250
	List of proposed native trees :	Kadamb, Ashok, Bakul, Bahava etc.
	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	Hyophorbe lagenicaulis	Bottle Palm	5	Flowering Plant
2	Saraca asoka	Ashok	40	Shady tree with red-yellow flowers.
3	Mangifera indica	Mango	20	Fruit Tree Evergreen & bird attracting tree
4	Azadirachta indica	Neem	50	Semi-evergreen tree with medicinal value


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5	Cassia fistula	Bahava	20	Medium sized deciduous tree. Beautiful yellow flowers, Butterfly host plant
6	Mimusops elengi	Bakul	20	Shady tree, small white fragrant flowers
7	Nyctanthes arbor-	Parijatak	10	Small deciduous fast growing tree, beautiful flowers
8	Bauhinia racemosa	Apta	10	Small tree with small white flowers, Butterfly host plant
9	Bombax ceiba	Kate sawar	10	Large deciduous tree. Flowers attract many birds.
10	Anthocephallus	Kadamb	35	Shady, large deciduous tree, fastgrowing graceful tree, ball shaped flowers.
11	Michelia champaca	Son chafa	15	Medium sized evergreen tree, fragrant yellow flowers, Butterfly host plant
12	Albizia lebbeck	Shirish	15	Medicinal for Skin, Fragrant flowers, To control soil erosion, Bird attracting species (Para kids eat seeds)
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
	DG set as Power back-up during construction phase	2 Nos. x 500 KVA
	During Operation phase (Connected load):	2000 KVA
	During Operation phase (Demand load):	2000 KVA
	Transformer:	500 KVA
	DG set as Power back-up during operation phase:	2 Nos. x 500 KVA
	Fuel used:	Diesel
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:


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- ? Purchase of energy efficient appliances.
- ? Constant monitoring of energy consumption and defining targets for energy conservation.
- ? Adjusting the settings and illumination levels to ensure minimum energy used for desired comfort levels.
- ? Condensate will be recovered and will send back to boiler.
- ? Proper temperature controls will be provided to reduce load on heating systems.
- ? Proper load factor will be maintained by the company.
- ? Company will adopt good maintenance practices and will maintain good housekeeping which will help in better illumination levels with least number of fixtures.
- ? On most of roofs transparent acrylic sheets will be provided to use day light and to stop use of lights during day time.
- ? LED lamps will be provided, wherever applicable.
- ? To the extent possible and technically feasible, energy efficient equipment will be selected.
- ? Gravity flow will be preferred wherever possible to save pumping energy.
- ? Recycling of water will done.

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 emission - Process vents & flue gas stacks	NA	Adequate Stack Height will be provided for Flue gas and Scrubber will be provided for process gaseous emissions
Wastewater - Domestic use & Industrial Use	NA	Sewage will be disposed off into soakpit & Industrial effluent will be treated into ETP & treated waste water shall be sent to CETP for the further treatment
Noise - Process area, ETP area, Boiler area	NA	The Boiler would be kept in an isolated area to have the ambient noise level as per CPCB standards. The workers would be provided with proper personal protective equipment (PPE) such as ear plugs, ear muffs etc. The DG sets would be enclosed in canopy as well as silencer.
Solid Waste	NA	Sale/ disposal to CHWTSDF

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	Dust suppression	Water sprinkling, dust mask	1.0
2	Green Belt development	Tree plantation	1.5
3	Solid waste management facility	Solid waste collection and disposal facility	1.5
4	Environment Monitoring	Monitoring charges of Air, water, noise	0.5
5	Occupational Health	Health check-up, PPEs	0.5


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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	Stacks for Boiler, Thermic fluid heater	5.0	1.25
2	Water Pollution Control	ETP	20.0	7.0
3	Noise Pollution Control	Acoustic enclosures	2.0	0.75
4	Environment Monitoring and Management	Environmental Monitoring of Air, water, noise	-	0.5
5	Occupational Health	Health Check-up of workers, Provision of First-aid medical facility, Provision of PPEs to workers	3.0	1.0
6	Rain Water Harvesting	Construction work for RWH tanks	6.0	0.5
7	Green Belt	Development of trees, Green area	2.0	1.0
8	Solid waste management	Disposal System for Solid waste and Membership from CHWTSDF	1.5	0.5
9	CSR Activity	CSR works	10.0	-


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
Benzene	Liquid	Tank - SS	16	16	35	Local Market	Road Transport
Benzyl Chloride	Liquid	Drum - HDPE	20	NA	47	Local Market	Road Transport
Aluminum Chloride	Liquid	Drum - HDPE	5	2	1.5	Local Market	Road Transport
Acid	Liquid	Tank - HDPE	20	20	1.5	Local Market	Road Transport
Ester	Liquid	Drum - HDPE	15	NA	30.6	Local Market	Road Transport
Bromine	Liquid	Bottle - Glass	5	NA	57	Local Market	Road Transport
Alcohol	Liquid	Tank - SS	16	16	110	Local Market	Road Transport
Caustic	Solid	Bags	15	5	27.8	Local Market	Road Transport
Benzophenone	Solid	Bags	20	2	54.4	Local Market	Road Transport


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Ammonium formate	Solid	Bags	5	NA	95.6	Local Market	Road Transport
Acid	Liquid	Tank - HDPE	20	20	150	Local Market	Road Transport
4-Chlorobenzophenone	Solid	Drum - HDPE	10	5	50	Local Market	Road Transport
Sodium Borohydride	Solid	Drum - HDPE	2	1	2.75	Local Market	Road Transport
Methanol	Liquid	Tank - SS	16	16	45	Local Market	Road Transport
Benzene	Liquid	Tank - SS	16	16	50	Local Market	Road Transport
γ-Butyrolactone	Liquid	Drum - HDPE	5	NA	35	Local Market	Road Transport
Aluminum Chloride	Solid	Drum - HDPE	5	2	73.5	Local Market	Road Transport
Acid	Liquid	Tank - HDPE	20	20	52.4	Local Market	Road Transport
Cetz 3	Liquid	Drum - HDPE	5	3	44	Local Market	Road Transport
Piperazine	Solid	Drums - Fibre board	5	2	67.25	Local Market	Road Transport
Solvent (T)	Liquid	Tank - SS	20	20	136.4	Local Market	Road Transport
Acid	Liquid	Drum - HDPE	5	2	22.8	Local Market	Road Transport
NaOH	Solid	Bags	15	15	17.5	Local Market	Road Transport

52. Any Other Information

No Information Available


53. Traffic Management

Nos. of the junction to the main road & design of confluence:	Two Nos.
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	4800 sq. m
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	Auto Rickshaw from 500 m of plant boundary
	Width of all Internal roads (m):	9 m, 7.5 m & 6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	'B' Category, schedule 5(f)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
Brief information of the project by SEAC		
PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in the 136th meeting of SEAC-I held on 5th to 7th October, 2017.		
DECISION OF SEAC		


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During deliberations it was observed that PP has not complied with the points raised during 136th meeting of SEAC-I as an additional ToR.

The EIA report submitted was not as per standard requirement and missing many points like HAZOP, Risk Assessment, Productwise material Balance, mitigation measures, inadequate monitoring of surface water parameters specifically COD and BOD found not been monitored.

The accredited consultant and field area expert were not present during the meeting.


In view of above, Committee decided to defer the proposal till PP submits compliance of additional TOR points, revised EIA/EMP report for appraisal along with compliance of following points

Specific Conditions by SEAC:

- 1) PP to submit revised lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc.
- 2) PP to include list of individual products, byproducts and its quantity in the EIA report.
- 3) 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.
- 4) From baseline monitoring data the parameters like PM10 and PM2.5 are exceeding the limits at many places but no reasoning and mitigation measures proposed in the EIA report. PP to include the same in the EIA report.
- 5) PP to submit detailed water balance calculations.

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days



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Agenda for 145 th SEAC-1 Meeting (DAY-2)


SEAC Meeting number: 145 Meeting Date December 30, 2017

Subject: Environment Clearance for Proposed Establishment of Synthetic Organic Chemicals Manufacturing Facility By Aarav Fragrances & Flavors Pvt. Ltd., Plot No.: C-61, Road No. RC-1, Thane Belapur road, MIDC Pawane, Navi Mumbai

1.Name of Project	Proposed Establishment of Synthetic Organic Chemicals Manufacturing Facility By Aarav Fragrances & Flavors Pvt. Ltd., Plot No.: C-61, Road No. RC-1, Thane Belapur road, MIDC Pawane, Navi Mumbai
2.Type of institution	Private
3.Name of Project Proponent	Aarav Fragrances & Flavors Pvt. Ltd.
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Establishment within existing project.
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable. Existing facility is for R & D, blending & formulation which does not falls under EIA notification, 2006.
8.Location of the project	Plot No.: C-61, Road No. RC-1, Thane Belapur road, MIDC Pawane, Navi Mumbai
9.Taluka	Navi Mumbai
10.Village	Navi Mumbai
Correspondence Name:	Mr. Shailesh Deshmukh
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	--
Locality:	--
City:	Mumbai
11.Area of the project	MIDC Pawane
12.IOD/IOA/Concession/Plan Approval Number	MIDC approved plot plan
	IOD/IOA/Concession/Plan Approval Number: MIDC Plot plan approval
	Approved Built-up Area: 1711
13.Note on the initiated work (If applicable)	Existing facility is for R & D, blending & formulation. Proposed project will be established within existing facility. The site is already constructed & minor modifications require for proposed project establishment.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC approved plot plan
15.Total Plot Area (sq. m.)	4050 sq.m
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18.Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 1711
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	25100000


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


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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))	9 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Existing facility is for R & D, blending & formulation. The proposed project will be established with minor modification in existing facility.
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	Research and Development pilot plant	--	--	--
2	Blending / Formulation of fragrances / perfumes and flavors	80 TPM	--	80 TPM
3	Perfumery & Flavor Esters Products in various grades	--	372 TPM	372 TPM (single or group of products can be manufactured within 372 TPM)
4	Perfumery & Flavor Alcohol Products in various grades	--	372 TPM	372 TPM (single or group of products can be manufactured within 372 TPM)
5	Perfumery & Flavor Aldehyde and Aldehyde derivatives Products in various grades	--	372 TPM	372 TPM (single or group of products can be manufactured within 372 TPM)
6	Dimerization and Trimerization of simple olefins Products in various grades	--	372 TPM	372 TPM (single or group of products can be manufactured within 372 TPM)
7	Ketals / Acetals / substituted 1,3-propanediols Products in various grades	--	372 TPM	372 TPM (single or group of products can be manufactured within 372 TPM)


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8	Macro cyclic and polycyclic musks derived from propylene/ butadiene and other propylene derivatives Products in various grades	--	372 TPM	372 TPM (single or group of products can be manufactured within 372 TPM)
9	Aldehydes & Ketones by Aldol Condensation Products in various grades	--	372 TPM	372 TPM (single or group of products can be manufactured within 372 TPM)
10	Acetylene and other alkyne derivatives Products in various grades	--	372 TPM	372 TPM (single or group of products can be manufactured within 372 TPM)
11	Cyclo Alkylation/Acetylation, Diel Alders Reactions: Cyclization Reaction, Etherification of Alkyl Halide and Alcohol, Epoxidation of Alkenes /Friedel Craft Reactions Products in various grades	--	372 TPM	372 TPM (single or group of products can be manufactured within 372 TPM)
12	Hydrogenation Products in various grades	--	372 TPM	372 TPM (single or group of products can be manufactured within 372 TPM)
13	Inorganic Salts (Low stream products)	--	50 TPM	50 TPM
14	Total	80 TPM	422 TPM	502 TPM


32.Total Water Requirement

Dry season:	Source of water	MIDC
	Fresh water (CMD):	57
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD):	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable


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Wet season:	Source of water	Not applicable
	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) :	Not applicable
	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
Domestic	1	5	6	0	0	0	1	5	6
Industrial Process	6	13	19	1	1	2	5	12	17
Cooling tower & thermopack	0.5	23.5	24	0.5	16.5	17	0	7	7
Gardening	0	8	8	0	8	8	0	0	0

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	--
	Size and no of RWH tank(s) and Quantity:	adequate size of tank will be provided.
	Location of the RWH tank(s):	within plant
	Quantity of recharge pits:	--
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	5 Lakhs
	Budgetary allocation (O & M cost) :	1 Lakhs
	Details of UGT tanks if any :	--

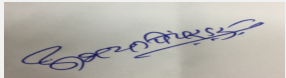

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35.Storm water drainage	Natural water drainage pattern:	--
	Quantity of storm water:	--
	Size of SWD:	--
Sewage and Waste water	Sewage generation in KLD:	6
	STP technology:	--
	Capacity of STP (CMD):	--
	Location & area of the STP:	--
	Budgetary allocation (Capital cost):	--
	Budgetary allocation (O & M cost):	--
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	No major construction waste, as project involves minor modification of existing unit.
	Disposal of the construction waste debris:	--
Waste generation in the operation Phase:	Dry waste:	Distillation Residue, Discarded containers/ barrels / liners, Contaminated Bags/ Cotton Rags, Spent Catalyst
	Wet waste:	Sludge and filters contaminated with oil, Waste residue containing oil, Spent acid, Used/ Spent oil, Chemical sludge from waste water treatment
	Hazardous waste:	Distillation Residue, Discarded containers/ barrels / liners, Contaminated Bags/ Cotton Rags, Spent Catalyst, Sludge and filters contaminated with oil, Waste residue containing oil, Spent acid, Used/ Spent oil, Chemical sludge from waste water treatment
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	--
	Others if any:	--
Mode of Disposal of waste:	Dry waste:	To CHWTSDF/ Sale to authorized recycler
	Wet waste:	To CHWTSDF/ Sale to authorized recycler
	Hazardous waste:	To CHWTSDF/ Sale to authorized recycler
	Biomedical waste (If applicable):	--
	STP Sludge (Dry sludge):	--
	Others if any:	--


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Area requirement:	Location(s):	within site
	Area for the storage of waste & other material:	as per requirement
	Area for machinery:	--
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	--
	O & M cost:	--

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	4 to 6	6.5 to 9	6.5 to 9
2	Chemical oxygen Demand	mg/L	6000 to 7000	< 250	< 250
3	Biological oxygen demand	mg/L	2500 to 3000	< 100	< 100
4	Total Dissolved solids	mg/L	4000 to 6000	< 2100	< 2100
5	Total Suspended solids	mg/L	200 to 300	< 100	< 100
6	Oil & Grease	mg/L	20 to 30	< 10	< 10
Amount of effluent generation (CMD):		30 cmd			
Capacity of the ETP:		30 cmd			
Amount of treated effluent recycled :		Nil. Treated effluent will be sent to CETP for disposal.			
Amount of water send to the CETP:		30 cmd			
Membership of CETP (if require):		Yes. Unit is already member of CETP.			
Note on ETP technology to be used		Collection tank > O & G trap > Neutralization tank > Settling tank > Pri. clarifier > Aeration tank > Sec. clarifier > Pressure sand filter > Activated carbon filter > Treated effluent collection tank > Discharge to CETP			
Disposal of the ETP sludge		to CHWTSDF.			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Sludge and filters contaminated with oil	3.1	kg/ month	100	3360	3460	To CHWTSDF
2	Used/Spent oil	5.1	kg/ month	2.4	2400	2402	Sale to authorized recycler
3	Waste residue containing oil	5.2	Ton/ month	0.1	12	12.1	Sale to authorized recycler
4	Distillation Residue	20.3	Ton/ month	--	16.2	16.2	Disposal to CHWTSDF
5	Spent acid	26.3	Ton/ month	--	16	16	Sell to authorized recycler
6	Discarded containers/barrels /liners	33.1	No./ month	1	200	201	sale to authorized recycler (after decontamination)
7	Contaminated Bags/ Cotton Rags Etc	33.2	Ton/ month	--	6	6	Disposal to CHWTSDF
8	Chemical sludge from waste water treatment	35.3	Ton/ month	0.010	10	10.010	CHWTSDF


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9	Spent Catalyst	A68/A71	Ton/ month	--	6	6	Disposal by sales to registered recycler or sent back to manufacturer.
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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	Baby boiler (existing)	Furnace oil- 400 Lit/ day	1	25	as per norms	as per norms
2	Thermopak (existing)	LDO: 300 Lit/ day	2	25	as per norms	as per norms
3	3 Nos. of 1 TPH baby boiler (Proposed)	Furnace oil: 4600 kg/ day Or LDO: 4400 kg/day Or NG: 6000 Nm3/day	3	Common stack- 33 m	0.4	300
4	3 Lac kcal/Hr Thermic Fluid Heater (Proposed)	Furnace oil: 1000 kg/day Or LDO: 900 kg/day Or NG: 1100 Nm3/day	4	30	0.2	180
5	125 KVA DG set (existing)	HSD: 200 Lit/ day	5	2.5 m above roof	as per norms	as per norms
6	500 KVA DG set (Proposed)	HSD: 2400 Lit/ day	6	4.5 m above roof	as per norms	as per norms
7	66 KVA DG set (Proposed)	HSD: 320 Lit/ day	7	2 m above roof	as per norms	as per norms
8	Process stack (Proposed)	--	8	as per norms	as per norms	as per norms

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Furnace oil	400 Lit/ Day	5600 Lit/ Day	6000 Lit/ day
2	LDO	260 kg/ Day	5300 Kg/ Day	5560 kg/ Day
3	Natural gas	--	7100 Nm3/ day	7100 Nm3/ day
4	HSD	200 Lit/ Day	2720 Lit/ day	2920 Lit/ Day

41.Source of Fuel

Nearby source


42.Mode of Transportation of fuel to site

By road

43.Green Belt Development


Total RG area :	Green belt: 1500 sq.m.
No of trees to be cut :	--
Number of trees to be planted :	--
List of proposed native trees :	--
Timeline for completion of plantation :	--

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


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Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	--	-	--	--

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	--	--	--

47.Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	500 KVA
	DG set as Power back-up during construction phase	existing DG set
	During Operation phase (Connected load):	500 KVA
	During Operation phase (Demand load):	500 KVA
	Transformer:	--
	DG set as Power back-up during operation phase:	proposed 500 KVA DG set & 66 KVA DG set
	Fuel used:	Proposed additional fuel: HSD: 2720 Lit/ Day
	Details of high tension line passing through the plot if any:	--

48.Energy saving by non-conventional method:


--

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	--	--

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air pollution	Adequate Stack	Adequate stack
Water pollution	Effluent treatment plant	Effluent treatment plant
Hazardous waste generation	To CHWTSDF, Authorized recycler	To CHWTSDF, Authorized recycler
Noise pollution	Acoustic enclosure	Acoustic enclosure


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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	--
	O & M cost:	--

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	--	--	--

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	Stack & Process scrubber	10	3
2	Water pollution control	ETP	28	5
3	Environment monitoring and management	Environment monitoring	5	2
4	Occupational health and safety	Occupational health and safety	--	5
5	Green belt / plantation development	Green belt maintenance	--	5
6	Hazardous waste and solid waste management	Hazardous waste disposal	6	10
7	Other Green initiatives -	Rain water harvesting	5	1
8	Other Green initiatives -	Solar power / LED	2	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
Furnace oil	Proposed	within plot	10 KL	10 KL	6 KL per Day	nearby source	by road

52.Any Other Information

No Information Available


53.Traffic Management

Nos. of the junction to the main road & design of confluence:	--
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Parking details:	Number and area of basement:	--
	Number and area of podia:	--
	Total Parking area:	300 sq.m
	Area per car:	--
	Area per car:	--
	Number of 2-Wheelers as approved by competent authority:	--
	Number of 4-Wheelers as approved by competent authority:	--
	Public Transport:	--
	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)- Category B
	Court cases pending if any	Not applicable
	Other Relevant Informations	The proposed products will be manufactured individual or in group within the quantity of 372 TPM. Total product (existing & proposed) : 502 TPM
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	10-03-2016
Brief information of the project by SEAC		
<p>PP submitted their application for the grant of TOR under category 5(f)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in the 137th meeting of SEAC-I held on 14th to 18th October, 2016 wherein ToR was granted.</p> <p>Now PP submitted the EIA/EMP report for appraisal.</p>		
DECISION OF SEAC		


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After detailed deliberations SEAC-I decided to defer the proposal till PP submits compliance of following points.


Specific Conditions by SEAC:

- 1) PP to submit lay out plan showing entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt (along with species and quantity of the local trees existing and proposed; PP to use drip irrigation for the gardening purpose), rain water harvesting etc.
- 2) PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.
- 3) PP to submit list of individual products and raw material to be used with their quantities.
- 4) 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.
- 5) PP to provide lightning arrestor.
- 6) PP to ensure flameproof electrical fittings in all the process and storage areas.

FINAL RECOMMENDATION


SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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Agenda for 145 th SEAC-1 Meeting (DAY-2)

SEAC Meeting number: 145 Meeting Date December 30, 2017

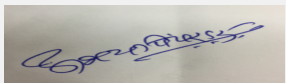
Subject: Environment Clearance for Common Biomedical Waste Treatment Facility

1.Name of Project	Integrated Common Biomedical Waste Treatment Facility for PCMC and adjoining area
2.Type of institution	Private
3.Name of Project Proponent	Pune Municipal Corporation
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd., Mumbai
5.Type of project	Common Biomedical Waste Treatment Facility
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion (in place of existing facility)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Expansion (in place of existing facility)
8.Location of the project	Kailash Crematorium Compound, Nr. Naidu Hospital, Sangamvadi, Pune
9.Taluka	Haveli
10.Village	Kailash
Correspondence Name:	Dr. Vaishali Jadhav
Room Number:	--
Floor:	--
Building Name:	Pune Municipal corporation
Road/Street Name:	--
Locality:	Shivajinagar
City:	Pune
11.Area of the project	Pune Muncipal Corporation
12.IOD/IOA/Concession/Plan Approval Number	--
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	No work has initiated at site
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	CIN- U 33129 PN 2005 PTC 020340
15.Total Plot Area (sq. m.)	4351.74 sq.m
16.Deductions	NA
17.Net Plot area	--
18.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
19.Total ground coverage (m2)	1058
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	165800000

22.Number of buildings & its configuration


Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1	G+1	10

23.Number of tenants and shops Not a commercial project


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24. Number of expected residents / users	Approx. 40 employees
25. Tenant density per hectare	Not a residential project
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	30 m
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	--
29. Existing structure (s) if any	None
30. Details of the demolition with disposal (If applicable)	Waste from demolition of existing shed will be used within site for leveling sub base.

31. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Waste for incineration	NA	273.75	273.75
2	Waste for autoclaving	NA	120.45	120.45


32. Total Water Requirement

Dry season:	Source of water	Pune Municipal corporation
	Fresh water (CMD):	52.5
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	77.5
	Fire fighting - Underground water tank (CMD):	NA
	Fire fighting - Overhead water tank (CMD):	NA
	Excess treated water	NA


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Wet season:	Source of water	Pune Municipal corporation
	Fresh water (CMD):	49.5
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	74.5
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
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	3	3	0	0.2	0.2	0	2.8	2.8
Industrial Process	0	3	3	0	3	3	0	0	0
Gardening	0	43.5	43.5	0	15.5	15.5	0	28	28

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	~20 m
	Size and no of RWH tank(s) and Quantity:	Since it is a biomedical waste management site, rain water harvesting at site is not proposed.
	Location of the RWH tank(s):	NA
	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 :	one tank of 100 cmd


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35.Storm water drainage	Natural water drainage pattern:	Towards Mula mutha river on the north west of site
	Quantity of storm water:	1050 cum/day
	Size of SWD:	0.35 m bottom width x 0.3 m depth + 0.12 m FB


Sewage and Waste water	Sewage generation in KLD:	2.8
	STP technology:	--
	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:	Demolition waste and from foundation excavation
	Disposal of the construction waste debris:	Waste from demolition of existing shed shall be used within the site for leveling as road sub-base. No offsite disposal of construction debris is envisaged.
Waste generation in the operation Phase:	Dry waste:	50 kg/day from office administrative operations
	Wet waste:	None
	Hazardous waste:	ETP sludge, incinerator ash
	Biomedical waste (If applicable):	Disinfected/de-shaped and shredded plastic material
	STP Sludge (Dry sludge):	--
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Collection, Storage and Disposal to CHWTSDF site
	Wet waste:	Collection, Storage and Disposal to CHWTSDF site
	Hazardous waste:	Collection, Storage and Disposal to CHWTSDF site
	Biomedical waste (If applicable):	Collection, Storage and sold to authorized recyclers
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Within the shed
	Area for the storage of waste & other material:	20 sq.m
	Area for machinery:	200 sq.m
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	5 Lakhs
	O & M cost:	45 Lakhs


37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
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1	pH	-	~8-10	6.5-9.0	5.5-9.0
2	BOD	mg/l	~30	< 30	100
3	COD	mg/l	~350	< 250	250
4	TSS	mg/l	~1500	< 100	100
5	O & G	mg/l	~15	< 10	10
Amount of effluent generation (CMD):		31.2			
Capacity of the ETP:		35			
Amount of treated effluent recycled :		25			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		Screen > Seal pit > Reactor cum settling tank (alum dosed and stirred here) > Sludge filtering bags			
Disposal of the ETP sludge		Disposal to CHWTSDF site			

38.Hazardous Waste Details


Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP Sludge	34.3	kg/month	0	1000	1000	Collection, Storage and Disposal to CHWTSDF site
2	Incineration Ash	09 (BMW Rules)	MT/month	0	2	2	Collection, Storage and Disposal to CHWTSDF site
3	Disinfected/de-shaped and shredded plastic material	04 & 07 (BMW Rules)	MT/month	0	25	25	Collection, Storage and sold to authorized recycler

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	Incinerator	HSD: 580 Lit/day	1	30	0.35	90 deg. C


40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	0	580 Lit/day	580 Lit/day
41.Source of Fuel		Local fuel retailer/kerbside fuel pump		
42.Mode of Transportation of fuel to site		By road, in 200 l MS drums, loaded on to flat bed mini truck		


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43.Green Belt Development	Total RG area :	600 sq.m
	No of trees to be cut :	0
	Number of trees to be planted :	approx. 15 large trees and other smaller canopy trees and shrubs
	List of proposed native trees :	Aegle marmelos, Alstonia scholaris , Anthocephallus cadamba, Azadiracta indica, Barringtonia acutangula, Bauhinia purpurea, Cassia fistula, Dalbergia sissoo, Enterolobium saman, Delonix regia
	Timeline for completion of plantation :	All trees will be planted within 24 months from beginning of construction, or earlier depending on monsoon

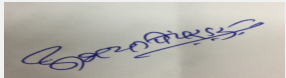
44.Number and list of trees species to be planted in the ground

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Aegle marmelos	Beal Tree	4	The only species in the genus Aegle which grows up to 15 meters tall and bears thorns and fragrant flowers. Native, Medicinal plant, fruits use to make marmalade/ jam etc.
2	Alstonia scholaris	Satwin	8	"An elegant tall evergreen tree with greyish rough bark. Medicinal plant, bark is used in traditional medicine to treat dysentery and fever"
3	Azadiracta indica	Neem	3	" A fast growing, evergreen tree that can reach a height of 15-20 m, rarely to 35-40 m. Used as an insecticide, to manufacture variety of cosmetics"
4	Barringtonia acutangula	Samudra phool	2	"An evergreen tree 5-8 m tall with rough fissured dark grey bark. Medicinal pant has long been used for medicine, timber and as a fish poison."
5	Cassia fistula	Bahava	4	"A tropical ornamental tree with a trunk consisting of hard reddish wood, growing up to 40 feet tall. Medicinal Use- The sweet blackish pulp of the seedpod is used as a mild laxative."
6	Dalbergia sissoo	Sheesham	4	"A medium to large deciduous tree, native to India, with a light crown. It can grow up to a maximum of 25 m in height and 2 to 3 m in diameter. One of the most important cultivated SEAC timber 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	Gardenia jasminoides	0.3 m	1 t o 2
2	Nyctanthes arbotristis	1.0 m	2 to 3
3	Lagerstroemia speciosa	2.0 m	6 to 8


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47. Energy

Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	15 kVA
	DG set as Power back-up during construction phase	No
	During Operation phase (Connected load):	325 kVA
	During Operation phase (Demand load):	325 kVA
	Transformer:	350 kVA
	DG set as Power back-up during operation phase:	One DG set of 100 kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	None

48. Energy saving by non-conventional method:

Yard illumination based on solar PV LEDs

49. Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar PV LEDs	upto 40 % saving on illumination w.r.t. CFL lamps

50. Details of pollution control Systems


Source	Existing pollution control system	Proposed to be installed
Air	NA	High pressure drop Venturi Scrubber followed by droplet separator and stack
Water	NA	ETP
Noise	NA	Acoustic treatment of enclosable machinery, PPE
Solid Waste	NA	CHWTSDF

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 5,00,000/annum
	O & M cost:	Rs. 30,000/annum

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	Water sprinkling	0.9
2	Environment Monitoring	Air, water , noise and soil	2


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3	Green Belt Development	Tree plantation	0.8
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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	High pressure drop Venturi Scrubber followed by droplet separator and stack	~28	~14.5
2	Water Pollution Control	ETP	~15	~15
3	Environment Monitoring	Air, water , noise and soil	~7.5	~8
4	Hazardous waste & Solid waste management	Storage yard and disposal	~5	~45
5	Green Belt Development	Tree plantation and landscaping	~5	~1.5
6	Occupational Health & Safety	Medical check up	~2.5	~7.2
7	Others	EHS training	~5	~3

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
HSD	fuel	Within site	200 l drum	400 l	~ 49.2	Local	By road
Disinfection chemical (Sodium hypochlorite)	BMW	Within site	35 l carboys	175 l	~ 0.6	Local industrial chemical supplier	By road
Scrubbing medium (Caustic Lye)	chemical	Within site	35 l carboys	~500 kg	~ 2.5	Local industrial chemical supplier	By road
Alum	chemical	Within site	100 kg bag	~100 kg bags	~0.12	Local industrial chemical supplier	By Road

52.Any Other Information

No Information Available


53.Traffic Management

Nos. of the junction to the main road & design of confluence:	1, gated T exit to the main road with gentle radius
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Parking details:	Number and area of basement:	0
	Number and area of podia:	0
	Total Parking area:	250 sq.m
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	approx. 8 m (with variations as per operational requirement)
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No protected area within 15 km radius
	Category as per schedule of EIA Notification sheet	7(da)
	Court cases pending if any	No
	Other Relevant Informations	Service industry for Biomedical waste management by Pune Municipal Corporation and Passco Environmental Solutions Pvt. Ltd. Waste Management Capacity - 3285 T per year for incineration and 1445.4 T per year for autoclaving Option 1 - Incinerator (two numbers) - 250 kg/hr each (based on wet scrubbing technology) or Option 2 - Incinerator (one numbers) - 500 kg/hr each (based on dry scrubbing technology) Autoclave (two numbers) - 110 kg/hr each Shredder- 100 kg/hr Chemical treatment facility ETP- 35 m3/day (for Option 1) Storage shed of 340 sq.m Associated utilities and amenities (Gate, storage shed, approach and circulation roads, storm water drain with RWH arrangement, greenbelt, firefighting arrangement, workforce amenities, administration office space, yard illumination
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-


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Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 7(da)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in the 127th meeting of SEAC-I held on 12th and 13th May, 2016.

The proposal is only for common biomedical waste treatment facility at Gut No. 458/460/461 in the PimpriChinchwad Municipal Corporation area.

DECISION OF SEAC

After deliberations, it was observed that PP (PMC) has not conducted Public Hearing as per EIA NOTification, 2006 for the proposed project. Committee felt as it is a mandatory requirement PP shall conduct Public Hearing and upload final EIA/EMP report for further appraisal.


In view of above, SEAC-I decided to defer the proposal till PP submits Public Hearing report and final EIA/EMP report.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

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Agenda for 145 th SEAC-1 Meeting (DAY-2)

SEAC Meeting number: 145 Meeting Date December 30, 2017


Subject: Environment Clearance for Proposed Green Field POL Terminal by M/s BPCL

General Information: Venue: Maharashtra Economic Development Council, Board Room, 3rd Floor, Y. B. Chavan Centre, Gen. Jagannathrao Bhosale Marg, Near Mantralaya, Mumbai- 400 020.

1.Name of Project	Proposed Green Field POL Terminal by M/s BPCL
2.Type of institution	TOR
3.Name of Project Proponent	M/s Bharat Petroleum Corporation Limited
4.Name of Consultant	ULTRA-TECH (Environmental Consultancy and Laboratory)
5.Type of project	Industrial Project Categorised as 6(b) as per EIA Notification 2006 and its further amendments
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Survey No.1
9.Taluka	Haveli
10.Village	Tarde
11.Area of the project	Pune Metropolitan Regional Development Authority (PMRDA)
12.IOD/IOA/Concession/Plan Approval Number	We are PESO approved
	IOD/IOA/Concession/Plan Approval Number: We are PESO approved
	Approved Built-up Area:
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.)	27.5 hectares
16.Deductions	NA
17.Net Plot area	27.5 hectares
18.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.): NA
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	2670000000


22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	As per plan approved by PESO	As per plan approved by PESO	As per plan approved by PESO
23.Number of tenants and shops	Not applicable		
24.Number of expected residents / users	NA		
25.Tenant density per hectare	NA		
26.Height of the building(s)			


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27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	6m wide road
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	12m
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	Ethanol	0	2 X 1348	2696
2	Motor spirit	0	8 X 5429	43432
3	High speed diesel	0	8 X 7148	57184
4	Biodiesel	0	2 x1348	2696
5	SKO	0	2 X 846	1692
6	SLOP	0	1 no. 100	100
7	HSD	0	1 no.20 and 1 no. 100	120
8	SKO	0	1 no. 100	100
9	ATF	0	4 x 3359	13436


32.Total Water Requirement

Dry season:	Source of water	Local body
	Fresh water (CMD):	20
	Recycled water - Flushing (CMD):	12
	Recycled water - Gardening (CMD):	30
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	62
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	12000
	Excess treated water	0


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Wet season:	Source of water	Local body
	Fresh water (CMD):	20
	Recycled water - Flushing (CMD):	12
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	0
	Total Water Requirement (CMD) :	32
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	12000
	Excess treated water	0

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
Water Requirement									
Fresh water requirement	0	20	20	0	2	2	0	18	18
Industrial Process	0	10	10	0	10	10	0	0	0
Domestic	0	10	10	0	2	2	0	8	8
Gardening	0	10	10	0	0	0	0	0	0

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	6 To 10m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	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 :	Underground Storage tanks are provided HSD -100M3, SJO 100M3, MS 100M3 AND SLOP 20M3



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35.Storm water drainage	Natural water drainage pattern:	North To South
	Quantity of storm water:	NA
	Size of SWD:	As needed
Sewage and Waste water	Sewage generation in KLD:	5
	STP technology:	Septic Tank followed by Soak Pit
	Capacity of STP (CMD):	NA
	Location & area of the STP:	As per layout
	Budgetary allocation (Capital cost):	5Lacs
	Budgetary allocation (O & M cost):	1 lac
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	23 kd/day
	Disposal of the construction waste debris:	used within premises
Waste generation in the operation Phase:	Dry waste:	167 kg/day
	Wet waste:	7 kg/day
	Hazardous waste:	5 MT/year
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	used as manure
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	Sent to authorized contractor
	Wet waste:	Treated in composting machine
	Hazardous waste:	Sent to authorized contractor
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	Sent to authorized contractor
Area requirement:	Location(s):	10m ²
	Area for the storage of waste & other material:	5m ²
	Area for machinery:	5m ²
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	7Lacs
	O & M cost:	1.5lacs
37.Effluent Charecteristics		


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Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	PH	-	5.5 to 7.5	7.5 to 8	7.5 to 8
2	TSS	mg/lit	100	<100	<100
3	BOD	mg/lit	500	<100	<100
4	COD	mg/lit	800	<250	<250
5	TDS	mg/lit	400	<200	<200
6	Oil & grease	mg/lit	20	<10	<10
Amount of effluent generation (CMD):		8			
Capacity of the ETP:		Oil Water Separator of 55 m3/hr			
Amount of treated effluent recycled :		As recovered from OWS			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		Oil Water Seperator			
Disposal of the ETP sludge		Shall be sent to CHWTSDF			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Oil water sludeg	34.3	MT	0	5 MT/year	5 MT/year	CHWTSDF/Bio remediation

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	Attached to DG set	Diesel 240 L/D	1	5.5 ABOVE ROOP	0.3	160

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	0	240	240

41.Source of Fuel Authorized supplier

42.Mode of Transportation of fuel to site By road

43.Green Belt Development	Total RG area :	22.83 acre
	No of trees to be cut :	NA
	Number of trees to be planted :	700
	List of proposed native trees :	List as per native species
	Timeline for completion of plantation :	by upcoming 5 years

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

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Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mangifera indica	Mango	50	Fruit bearing evergreen tree
2	Delonix regia	Gulmohar	200	Flower bearing deciduous tree
3	Samani saman	Rain tree	50	Flower bearing deciduous tree
4	Azadiricta indica	Neem	100	Flower bearing deciduous tree
5	Pumeria alba	Chafa	10	Flower bearing deciduous tree
6	Cocos nucifera	Naral	25	Fruit bearing evergreen tree
7	Alstonia	Satvin	50	Evergreen tree
8	Cassia fistula	Bhava	25	Flower bearing deciduous tree
9	Polyalthia longifolia	Ashok	25	Evergreen tree
10	Ficu bengalensis	vad	20	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	NA	NA	NA

47.Energy

Power requirement:	Source of power supply :	Maharashtra State Electricity Distribution Co. Ltd (MSEDCL)
	During Construction Phase: (Demand Load)	33/22KV, HT Incoming supply will be sourced from State Electricity Board
	DG set as Power back-up during construction phase	1x750 KVA
	During Operation phase (Connected load):	same as above
	During Operation phase (Demand load):	same as above
	Transformer:	NA
	DG set as Power back-up during operation phase:	1x750 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA


48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:


Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems


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Source	Existing pollution control system	Proposed to be installed
Air	Not applicable	Adequate Stack height will be provided for DG set
waste water	Not applicable	Oil Water Separator will be provide, Sewage Treated
Noise	Not applicable	Acoustic enclosure will be provided for DG sets,
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	Expenditure of environment magement	Air, water, Noise & Labour	As per requirment

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Expenditure of environment magement	Environment asoects	As per requirment	As per requirment


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
Ethanol	Proposed	As per layout	2X1365	2730KL	As per requirement	-	By rail
Motor spirit	Proposed	As per layout	3X5500	1650D	As per requirement	-	By rail
Hihgh speed diesel	Proposed	As per layout	3X7250	21750	As per requirement	-	By rail
Biodiesel	Proposed	As per layout	2x1365	2730	As per requirement	-	By rail
SKO	Proposed	As per layout	2X85B	1716	As per requirement	-	By rail
SLOP	Proposed	As per layout	1no. 10010	10010	As per requirement	-	By rail
Hihgh speed diesel	Proposed	As per layout	1no.20 Btrd 1no. 100KL	120	As per requirement	-	By rail
SKO	Proposed	As per layout	1no. 100	10010.	As per requirement	-	By rail

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:	1
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	7000m2
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	6m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	Industrial Project Categorised as 6(b) as per EIA Notification 2006
	Court cases pending if any	NA
	Other Relevant Informations	There is no manufacturing process involved in the Depot. The Rail Fed POL Depot shall be handling and storing various finished petroleum products
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-
Brief information of the project by SEAC		


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PP submitted their application for the grant of TOR under category 6(b)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.

As the proposed activity is not located in the notified industrial area/estate (MIDC), PP to carry out Public Hearing/Consultation as per EIA Notification, 2006 and submit compliance report of the issues raised during the Public Hearing/Consultation.

Draft Terms of Reference (TOR) have been discussed and finalized during 138th meeting of SEAC-1. The committee prescribed the following additional TOR along with Standard TOR as available on the Ministry of Environment, Forest and Climate Change website for preparation of EIA-EMP report.

1. PP to specifically include details of water source for their use like domestic purpose, fire fighting, industrial use etc. along with quantities; PP also to submit copies of permissions/NOC obtained for getting required water quantity from competent authority.
2. PP to submit copies of On Site and Off Site Emergency Preparedness Plan duly accepted by competent authority.
3. PP to include detailed water balance chart in EIA report along with quantities of waste water generation and its disposal.
4. PP proposes only oil and grease chamber for waste water treatment where as PP also proposes to store water soluble material like ethanol; PP to submit their plan for the treatment of waste water contaminated by water soluble chemicals like ethanol etc.
5. PP to include separate chapter on reeving, loading, unloading, storage of all the materials to be handled in the EIA report along with risk assessment and contingency plan.

DECISION OF SEAC

Public Hearing conducted on 13.10.2017, now PP submitted the EIA/EMP report for appraisal.

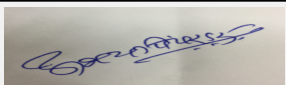
After detailed deliberations with the PP and his accredited consultant, SEAC-I decided to recommend the proposal for the grant of prior Environment Clearance to the SEIAA.

Specific Conditions by SEAC:

- 1) PP to submit list of trees to be planted in green belt area and provide drip irrigation facilities to ensure maximum survival of the trees/plants.
- 2) PP shall submit an undertaking to limit their water requirement to 22 KL/D.
- 3) PP to provide Sewage Treatment Plant as agreed during appraisal for the treatment of domestic sewage.


FINAL RECOMMENDATION

SEAC-I have decided to recommend the proposal to SEIAA for Prior Environmental clearance subject to above conditions


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