175th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 175th -Day-2 **Meeting Date** January 15, 2020

Subject: Environment Clearance for Expansion project of API and Intermediate chemicals manufacturing unit of Unichem Laboratories Ltd.

Is a Violation Case: No

1.Name of Project	Unichem Laboratories Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Unichem Laboratories Limited
4.Name of Consultant	Sadekar Enviro Engineers Private Limited
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion of existing API manufacturing unit
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No. PP have valid CTO from MPCB no. Format 1.0/ BO/CAC-Cell/ EIC No RD-3222-16/14th CAC/3317 dated 08.03.2016 valid up to 30.04.2020
8.Location of the project	Plot No. 99, MIDC-Dhatav,
9.Taluka	Roha
10.Village	Roth
Correspondence Name:	Mr. Umakant G Kadam (GM Roha Unit)
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	Unichem Laboratories Limited, Plot no. 99, MIDC Dhatav, Roha
Locality:	Taluka Roha
City:	Roha
11.Whether in Corporation / Municipal / other area	Other (MIDC Dhatav)
12.IOD/IOA/Concession/Plan Approval Number	Not applicable
	IOD/IOA/Concession/Plan Approval Number: Not applicable
	Approved Built-up Area: 24496.46
13.Note on the initiated work (If applicable)	Expansion activity will start after acquiring prior environmental clearance.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC approval
15.Total Plot Area (sq. m.)	Not applicable
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).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.): 27188
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 18-10-2017
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	500000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	-
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 production block , utility building, ETP, MEE, warehouse , administration building
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	Amlodipine Besylate	20	-9	11
2	Amlodipine Maleate	3	-1	2
3	Bisoprolol Fumarate	8	2	10
4	Clonidine Hydrochloride	0.25	0.25	0.5
5	Labetalol Hydrochloride	5	0	5
6	Lacidipine	0.02	0.48	0.5
7	Bendroflumethiazide	2	0	2
8	Hydrochlorothiazide	60	70	130
9	Aripiprazole	0.2	0.3	0.5
10	Tigabine Hydrochloride	0.02	0.48	0.5
11	Buprenorphine Hydrochloride	0.02	0.48	0.5
12	Donepezil Hydrochloride	0.08	0.42	0.5
13	Meloxicam	5	7	12
14	Metronidazole	269	-19	250

15	Pramipexole dihydrochloride monohydrate	0.02	0.18	0.2
16	Zolmitriptan	0.02	0.18	0.2
17	Rizatriptan Benzoate	0.01	0.49	0.5
18	Tamsulosin Hydrochloride	0.01	0.49	0.5
19	Tizanidine hydrochloride	0.05	0.15	0.2
20	Tolterodine Tartrate	0.05	0.15	0.2
21	Brimonidine tartrate	0.02	-0.02	0
22	Fenofibrate	5	-5	0
23	Doxazosin Mesylate	0	1	1
24	Paliperidone	0	0.5	0.5
25	Apixaban	0	1	1
26	Rivaroxaban	0	1	1
27	Baclofen	0	0.5	0.5
28	Piroxicam	0	0.5	0.5
29	Prasugrel Hydrochloride	0	0.5	0.5
30	Solifenacin succinate.	0	0.2	0.2
31	Tadalafil	0	0.5	0.5
32	Teneligliptin Hydrobromide	0	0.5	0.5
33	Teriflunomide	0	0.5	0.5
34	Tofacitinib citrate	0	0.5	0.5
35	Vortioxetine Hydrobromide	0	0.5	0.5
36	4-(4-fluorobenzoyl) butyric acid (Keto Acid)	0	60	60
37	Taxol	0	0.5	0.5
38	R & D Product	0	5	5

32.Total Water Requirement

Dry 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
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)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	50	0	50	10	0	10	40	0	40
Industrial Process	180	-35	145	62	-58.8	3.2	118	35	153
Cooling tower & thermopack	80	265	345	48	187	235	32	58	90
Gardening	40	10	50	40	10	50	0	0	0

Fresh water requirement	350	240	590	160	138.2	298.2	190	93	283

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	5-10 m
	Size and no of RWH tank(s) and Quantity:	2 tank of 20 kl capacity
	Location of the RWH tank(s):	near plant 7 & 8
	Quantity of recharge pits:	--
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	50000
	Details of UGT tanks if any :	Ethyl Alcohol 12 KL Ethyl Alcohol 12 KL Methanol 12 KL Methanol 12 KL Iso Propyl Alcohol 12 KL Iso Propyl Alcohol 12 KL Ethyl alcohol with 5% Acetone 12 KL Monomethyl Amine in methanol 12 KL Acetonitrile 12 KL Orthoxylene 12 KL MIDC Raw Water Tank 120 KL
35.Storm water drainage	**Natural water drainage pattern:**	Internal storm water drains are connected to MIDC drains.
	Quantity of storm water:	58.51 m3/hr
	Size of SWD:	1 X 2 Meter size drain along plot boundary
Sewage and Waste water	**Sewage generation in KLD:**	50
	STP technology:	Sewage is treated in septic tank and overflow is mixed with effluent in aeration tank of ETP.
	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:**	no pre construction waste will be generated.
	Disposal of the construction waste debris:	it will be landfilled within premise.
Waste generation in the operation Phase:	**Dry waste:**	E waste, battery waste , plastic waste and metal scrap
	Wet waste:	Hazardous waste
	Hazardous waste:	Please refer point 45
	Biomedical waste (If applicable):	Yes. It will be disposed to MPCB registered treatment facility for Roha region.
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	non hazardous waste will be disposed through registered vendors.
	Wet waste:	CHWTSDF / MPCB Authorise Recycler
	Hazardous waste:	disposed to CHWTSDF/ sold to authorised recycler or reprocessor / disposed to co-processing unit
	Biomedical waste (If applicable):	disposed to MPCB registred processor for Roha region
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	demarkated area is provided for hazardous waste /BMW / Battery waste /E-waste storage within premise.
	Area for the storage of waste & other material:	provided
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	10 lacs.
	O & M cost:	75 lacs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	2.5-3	7-8.5	6.5-8.5
2	TSS	mg/L	500	26	100
3	COD	mg/L	20000	175	250
4	BOD	mg/L	7000	57	100
5	oil and grease	mg/L	20	5.45	10
6	chloride	mg/L	500	300	600
7	sulfate	mg/L	700	500	1000
8	TAN	mg/L	200	20	50
9	%Sodium	mg/L	5	5	60%

Amount of effluent generation (CMD):	283 CMD
Capacity of the ETP:	300
Amount of treated effluent recycled :	NA
Amount of water send to the CETP:	283
Membership of CETP (if require):	yes. Industry is the member of RIA CETP

Note on ETP technology to be used	Effluent segregation will be done. High load effluent is being treated through Strippers 2 Nos., three stage Multiple effect evaporator (MEE) and ATFD. Low load effluent is treated in ETP consisting primary , secondary and tertiary treatment.
Disposal of the ETP sludge	Treated effluent shall be disposed to CETP, Roha

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	used/spent oil	5.1	MT/A	1	2	3	Sale to authorized recyclers /Disposal to CHWTSDF
2	Distillation residues	20.3	MT/A	3	4.5	7.5	Disposal to CHWTSDF, / Co-processing
3	Spent Solvents	28.6	MT/A	260	400	660	Recycle, reuse/sale to authorized recyclers /Disposal to CHWTSDF
4	Empty barrels/ containers /liners contaminated with hazardous chemicals / wastes	33.1	MT/A	4000	1000	5000	Disposal to CHWTSDF, /Sale to authorized recyclers
5	Chemical sludge from wastewater treatment	35.3	MT/A	18	17	35	Disposal to CHWTSDF, / Co-processing
6	Concentration / Evaporator residue	37.3	MT/A	--	5500	5500	Co-processing/ Sale to authorized recyclers/ Disposal to CHWTSDF,
7	Spent catalyst	28.2	MT/A	20	22	42	Disposal to CHWTSDF, / authorized Co-processing
8	Date expired products	28.5	MT/A	1	1	2	CHWTSDF
9	Date expired products	28.5	MT/A	1	1	2	CHWTSDF
10	Date expired products	28.5	MT/A	1	1	2	CHWTSDF
11	Ash from incinerator and flue gas cleaning residue	37.2	MT/A	1	4	5	CHWTSDF
12	Spent ion exchange resin containing toxic metals	35.2	MT/A	0.5	1.5	2	CHWTSDF
13	Spent carbon or filter medium	36.2	MT/A	0.5	19	19.5	CHWTSDF
14	Waste/residue containing oil	5.2	MT/A	1	1	2	CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler (Exisiting)	FO-250 L/hr	1	35	0.4	110
2	Thermic fluid heater (existing)	FO-80 L/hr	2	23	0.3	110

3	Thermic fluid heater (existing)	FO- 50 L/hr	3	21	0.3	110
4	Boiler (Proposed)	FO-300 L/hr	1	42	1.7	90
5	180 KVA D. G. set (Existing)	HSD-40 L/hr	4	3.5 from roof	0.150	100
6	750 KVA D. G. set (Existing)	HSD-130 L/hr	5	3.5 from roof	0.150	100
7	1250 KVA D. G. set (Proposed)	HSD-250 L/hr	6	as per CPCB guidelines	0.200	100
8	1250 KVA D. G. set (Proposed)	HSD-250 L/hr	7	as per CPCB guidelines	0.200	100

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Furnace Oil (L/hr)	380	300	680
2	HSD (L/hr)	170	500	670
41.Source of Fuel		Local vendor		
42.Mode of Transportation of fuel to site		by road		

43.Green Belt Development	**Total RG area :**	Total green belt after expansion will be 16132 sq. m.
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	2400
	List of proposed native trees :	Waras, Mango, Jambhul, Phanas, Kusum, ain, Palash, Pangahara,Neem, Chafa, Kindal, Kusum and other local plant species
	Timeline for completion of plantation :	2 years after receipt of Environment Clearance

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	Mangifera indica	mango	250	A native evergreen tree with large canopy & large leaf area which helps in dust settling
2	Albizia lebbeeck	shirish	150	A native tree with thick canopy
3	Nerium oleander	Kaner	155	A native hardy species, drought resistant with fragrant flowers
4	Schleichera oleosa	Kusum	145	A native tree found in abundance in Sahyadris
5	Azadirachta indica	Neem	150	A native evergreen tree known for plantation in polluted area
6	Cassia fistula	Bahava	100	Native ornamental tree having flowers attracting bees and butterflies
7	Neolamarckia cadamba	Kadamba	145	A native evergreen tree with thick canopy
8	Holoptelea integrifolia	Vavala	150	A native tree abundantly found in the Raigad district

9	Terminalia arjuna	Arjun	150	A native evergreen tree with large canopy
10	Derris indica	Karanja	100	A native tree blooming throughout the year
11	Delonix Regia	Gulmohar	200	flower bearing deciduous tree
12	Polyalthia Longifilia	Ashok	250	A evergreen tree
13	Polyalthia Longifilia	Ashok	250	A evergreen tree
14	Microcos paniculata	Shirali	150	A native evergreen tree abundantly found across the Sahyadri ranges
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	NA	NA

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	As per existing load
	DG set as Power back-up during construction phase	As per existing capacity
	During Operation phase (Connected load):	6000 kW
	During Operation phase (Demand load):	3550 KVA
	Transformer:	4500 KVA
	DG set as Power back-up during operation phase:	Total 3430 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:

CFL & Sodium mercury vapor lamp are replaced by LED lamps to reduce power consumption , Solar street lights will be provided in future.

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

Waste Water	Combined treatment of trade and domestic effluent of design capacity of 300 CMD. Segregation is done; High stream effluent is treated through Stripper coloumn, Three stage MEE and ATFD etc. MEE condensate is treated in aeration tank of the ETP. Treated effluent from ETP is sent to Common Effluent Treatment Plants for further treatment and disposal.	Same treatment scheme shall be continued. Existing ETP capacity is adequate to treat additional quantity of liquid effluents from proposed expansion project.
Air emissions from Bolier/TFH , Process & DG set	For boiler emissions, stacks with adequate height are provided. Scrubbers (11 units of acid scrubbers; 3 units of alkali scrubbers) are provided to mitigate process emissions. Stacks of 3.5 m height above roof are provided to DG set	For proposed boiler, stack of adequate height as per CPCB guidelines shall be provided. Additional scrubbers (3 alkali; 9 acidic) are proposed for mitigation of process emissions. Scrubber stacks of 5 m height above roof shall be provided. D.G. set stack shall be provided as per CPCB guidelines.
Solid Waste Management	Solid hazardous waste is sent to CHWTSDF or sold to MPCB authorised recyclers; Non hazardous waste is sold to MPCB authorized vendors / recyclers	Solid hazardous waste shall be sent to CHWTSDF or will be sent for co-processing or will be sold to MPCB authorised recyclers. Non hazardous waste shall be sold to MPCB authorised vendors / recyclers.
Noise Pollution	Anti-vibration pads and acoustic enclosures to high noise generating equipment are provided.	Anti-vibration pads and acoustic enclosures to high noise generating equipment shall be installed.

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	500000
	O & M cost:	50000

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Water Pollution Control	Construction runoff will be treated in existing ETP, Existing sanitation facilities shall be utilized by construction workforce.	0.5
2	Air Pollution Control	Water sprinkling to control fugitive emissions, Provision of Wind barrier.	2

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Green belt development	Tree plantation shall be carried out in Adequate area of green belt	15	7.5
2	Water Pollution Control	Operation and Maintenance of ETP;	550	250.84
3	Air Pollution Control	Installation of process scrubbers, boiler and scrubber stacks,	30	28.25
4	Occupational Health and Safety Assessment	Gloves, Breathing Masks, Gloves, Boots, Helmets, Ear Plugs & annual health medical check up of workers.	15	75.00

5	Noise Pollution Control	Installation of vibration pads and acoustic enclosures to high noise generating equipment	5	0.50
6	Environment Monitoring and Management	Post project monitoring of Environmental components, Installation of real time effluent and emission monitoring system.	5	7.52
7	Solid Waste Management	Segregation, handling and storage of hazardous waste	NA	200
8	Water conservation	Rain water harvesting system shall be implemented	5	1.5

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
Sulphuric Acid	Liquid	AGT	30	30	1510 MT/A	Local	By Road
Caustic lye	liquid	AGT	40	40	1273758 MT/A	Local	By road
Oleum	liquid	AGT	20	20	1724537 MT/A	local	By road
Nitric Acid	Liquid	AGT	10	10	415046 MT/A	local	By road
Glyoxal	liquid	AGT	30	30	1608796 MT/A	Local	By road
Acetic Acid	liquid	AGT	30	30	623816 MT/A	local	By road
Liquor Ammonia	liquid	AGT	30	30	6073924 MT/A	local	By road
Ethylene Oxide	liquid	AGT	10	10	390625 MT/A	local	By road
Acetaldehyde	liquid	AGT	15	15	497685 MT/A	local	By road
Methanol	liquid	UGT	30	30	744690 MT/A	local	By road
Iso propyl alcohol	Liquid	UGT	20	20	267584 MT/A	local	By Road
Mono methyl Amine 40 % solu.	liquid	UGT	20	20	79583 MT/A	local	By Road
Acetone	liquid	Drum storage	10	10	220316 MT/A	local	By road
Hydrochloric Acid	liquid	Drum Storage	5	5	5270 MT/A	local	By road
Acetonitrile	liquid	Drum Storage	5	5	50471 MT/A	local	By road
Dimethyl Glutarate	Liquid	Drum Storage	10	10	67769 MT/A	Import	By Road
Tetrahydrofurane	liquid	Drum Storage	10	10	901659 MT/A	local	By road
Epichlorohydrin	liquid	Drum storage	10	10	31693 MT/A	local	By road
Chloroform	liquid	Drum storage	5	5	140511 MT/A	local	By road
Acetyl chloride	liquid	Drum storage	10	10	67769 MT/A	local	By Road

Toluene	liquid	Drum storage	10	10	182665 MT/A	Local	By road
Aluminium Chloride	Solid	Bag storage	10	10	117352 MT/A	local	By road
Isopropoxy Ethanol	liquid	Drum storage	10	10	109166 MT/A	local	By road
Ethyl Acetate	liquid	Drum storage	10	10	390817 MT/A	Local	By road
Fluro benzene	Liquid	Drum storage	10	10	344302 MT/A	Local	By Road

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	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):	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	B1
	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	18-12-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS	
Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management	Not Applicable
Traffic circulation system and risk assessment	Not Applicable
Landscape Plan	Not Applicable
Disaster management system and risk assessment	Not Applicable
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	Not Applicable
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP 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. The proposal was earlier considered in the 159th A meeting held on 01.02.2019 wherein the PP remained absent.

DECISION OF SEAC

The Environment Department, Govt. of Maharashtra has received clarification from MoEF&CC vide letter dated 04.02.2019 which reads as below,

"Dhatav village has been identified as a part of eco-sensitive area as per the Ministry's draft Notification S.O. No. 2435 dated 04.09.2015. However, since the notification is still in the draft stage, proposals pertaining to Dhatav were not accepted in the Ministry and were advised to be taken up by the concerned SEAC/SEIAA. Now it has been informed that, the concerned Authorities in the State of Maharashtra are also not accepting the proposals on the grounds that there are no clear directions from the Ministry on the subject.

In view of above, it is clarified that, such proposals be considered for environmental clearance as per the provisions of the EIA Notification, 2006, which clearly provides for applicability of General Conditions in respect of eco-sensitive areas notified under sub-section (2) of Section 3 of the Environment (Protection) Act, 1986."

SEIAA also accorded approval vide file No SEAC-2019/CR-12/SEAC-1 to consider the proposal from Dhatav area under category B as clarified by the MoEF&CC vide above communication.

In view of above clarifications, SEAC-1 decided to consider the proposals from Dhatav area for prior Environmental Clearance.

Draft Terms of Reference (TOR) have been discussed and finalized during the 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.

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

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

The validity of the TOR will be for three years as per OM issued by MoEF and CC on 29.08.2017.

PP to submit Form - 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.

PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

Specific Conditions by SEAC:

1) PP to submit lay out plan showing internal roads with minimum six meter width and nine meter turning radius, entry/exit gates provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
2) PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.
3) PP submit details of year wise quantities of production along with name of products, water consumption, effluent generation, solid waste generation, fuel consumption etc. as per consent issued by the Maharashtra Pollution Control Board. PP to submit an undertaking for not violating any requirements of earlier Environmental Clearance and EIA Notification, 2006 amended from time to time.
4) PP to carry out life cycle analysis of all the products manufactured on site with respect to the acidification potential, eutrophication potential, green house and ozone depletion potential etc and proposed mitigation measures to reduce the identified potentials.
5) PP to include detailed product wise material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
6) PP to include detailed water balance calculations along with design details of effluent treatment plant and copy of CETP permission mentioning quantity of treated effluent permitted to discharge in the CETP in case no such permission is obtained, PP to submit design details of ZLD Effluent Treatment Plant in the EIA report.
7) PP to prepare the Legal Register with respect to compliance of various Acts , Rules and Regulations applicable to the manufacturing activities.
8) PP to carry out HAZOP and QRA and submit disaster management plan.
9) PP to include details of generation and disposal of hazardous waste including byproducts as per Hazardous and other waste (Management and Trans boundary Movement) Rules, 2016 in the EIA report.
10) PP proposes new construction of 3235.57 Sq.m. only for their Solvent Recovery Activity. PP to submit technical note on how proposed expansion will be accommodated in the existing manufacturing plant along with equipment layout, spaces required for storage of raw materials and finished products etc.
11) PP to submit structural stability certificate of existing building with respect to the proposed expansion.
12) PP to include water and carbon foot print monitoring in the EMP.
13) PP to submit hazardous chemical handling protocol
14) PP to use new and renewable energy for illumination of office buildings, street lights, parking areas and maintain the same regularly. PP to provide lightening arrestor.
15) PP to ensure uniformity in submission of the information in the Form-I/II, EIA/EMP report and presentation, consolidated statement.

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.

175th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 175th -Day-2 **Meeting Date** January 15, 2020

Subject: Environment Clearance for Proposed expansion of Synthetic Organic Chemicals manufacturing facility (API, other synthetic organic chemicals and chemical intermediates) by Lasa Supergenerics Limited at Plot No.C-4, C-4/1, C-43, MIDC Lote Parshuram, Taluka Khed, Dist. Ratnagiri, Maharashtra

Is a Violation Case: No

1.Name of Project	Proposed expansion of Synthetic Organic Chemicals manufacturing facility (API, other synthetic organic chemicals and chemical intermediates) by Lasa Supergenerics Limited at Plot No.C-4, C-4/1, C-43, MIDC Lote Parshuram, Taluka Khed, Dist. Ratnagiri, Maharashtra
2.Type of institution	Private
3.Name of Project Proponent	Lasa Supergenerics Limited
4.Name of Consultant	Aditya Environmental Services Pvt. Ltd.
5.Type of project	Industrial project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion will be within the existing plot
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Plot No.C-4, C-4/1, C-43 MIDC Lote Parshuram, Taluka Khed, Dist. Ratnagiri, Maharashtra
9.Taluka	Khed
10.Village	Lote
Correspondence Name:	Mr. Omkar P Herlekar
Room Number:	Plot No.C-4, C-4/1, C-43
Floor:	--
Building Name:	--
Road/Street Name:	--
Locality:	MIDC Lote Parshuram
City:	Ratnagiri
11.Whether in Corporation / Municipal / other area	81008 sq. m.
12.IOD/IOA/Concession/Plan Approval Number	MIDC approved plan
	IOD/IOA/Concession/Plan Approval Number: AE/CPN/6623161 OF 201 DATED 28/08/2015
	Approved Built-up Area: 3208
13.Note on the initiated work (If applicable)	Not applicable. Existing structures will be used for proposed expansion project.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	MIDC approval
15.Total Plot Area (sq. m.)	81008 sq. m.
16.Deductions	Not applicable
17.Net Plot area	81008 sq. m.
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 10700 sq. m.
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.): 22619.98
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 05-07-2019
19.Total ground coverage (m2)	22613.43 sq. m.
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	27.9%
21.Estimated cost of the project	25000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Main Plant Building	Ground floor + 2 floors	15.03 mtrs
2	Tray Dryer Area	Ground floor	8 mtrs
3	Utility Block	Ground floor	8 mtrs

23.Number of tenants and shops	Not applicable. Proposed project is an industrial activity.
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)	Min. 6 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Min. 9 m
29.Existing structure (s) if any	Existing structure- Production bldg., Warehouse & Admin bldg., QC lab, ETP plant
30.Details of the demolition with disposal (If applicable)	No. No demolition waste will be generate.

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Resolving Agents– Di-Benzoyl-D-Tartaric acid(mono), Di-Benzoyl-L-Tartaric acid (mono), Di-Para-toluoyl-D-Tartaric acid(anhyd/mono), Di-Para-toluoyl-L-Tartaric acid (anhyd/mono), Di-Para-anisoyl-D-Tartaric acid, Di-Para-Anisoyl-L-Tartaric acid	10	-10	0
2	Methyl iso butyril Acetate	20	-20	0
3	Iodine compounds- 3-5-Di-Iodo-Salycylic acid, 2-Iodo-Benzoic acid, 5-Iodo-2-Methyl Benzoate	20	-20	0
4	Bromoform	5	-5	0
5	Albendazole	0	40	40

6	Fenbendazole	0	2	2
7	Nitroxynil	0	3	3
8	Halquinol	0	2	2
9	Cyromazine	0	1	1
10	Ricobendazole	0	1	1
11	Oxfendazole	0	1	1

32.Total Water Requirement

Dry season:	**Source of water**	MIDC
	Fresh water (CMD):	125 CMD
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	125 CMD
	Fire fighting - Underground water tank(CMD):	10 KL tank capacity is provided
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Nil
Wet season:	**Source of water**	MIDC
	Fresh water (CMD):	45 CMD
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	45 CMD
	Fire fighting - Underground water tank(CMD):	10 KL tank capacity is provided
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Nil
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)	Loss (CMD)	Effluent (CMD)

Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	10	0	10	9.5	0	9.5	0.5	0	0.5
Industrial Process	10	0	10	2.25	0	2.25	7.25	0	7.25
Cooling tower & thermopack	16	9	25	15.5	9	24.5	0.5	0	0.5
Gardening	0	80	80	0	80	80	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	3.5 m
	Size and no of RWH tank(s) and Quantity:	No
	Location of the RWH tank(s):	No
	Quantity of recharge pits:	Nil
	Size of recharge pits :	Nil
	Budgetary allocation (Capital cost) :	Nil
	Budgetary allocation (O & M cost) :	Nil
	Details of UGT tanks if any :	Nil
35.Storm water drainage	**Natural water drainage pattern:**	--
	Quantity of storm water:	2000 lit/ second
	Size of SWD:	350 mm X 500 mm
Sewage and Waste water	**Sewage generation in KLD:**	0.5 cmd
	STP technology:	No. Sewage will be send to soak pit.
	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:**	Minor quantity of construction debris will be generate during project expansion.
	Disposal of the construction waste debris:	Construction waste will be disposed off as per Construction and Demolition Rules, 2016.
Waste generation in the operation Phase:	**Dry waste:**	Empty drums: 150 Nos/year, Plastic bags/ plastic waste: 100 Kg/year, Paper waste / Corrugated sheets: 150 kg/year, Metal scrap: 300 Kg/year, Rubber waste: 20 Kg/year, Boiler Ash: 2000 Kg/day, Wooden waste: 500 Kg/year
	Wet waste:	Not applicable
	Hazardous waste:	Chemical sludge from waste water treatment of bottom sludge, Distillation residue, Residue and waste, Empty barrels /containers/liners contaminated with hazardous chemicals /wastes, Sodium hydrogen sulphide, Spent sulphuric acid
	Biomedical waste (If applicable):	Bandage, etc.
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Mode of Disposal of waste:	**Dry waste:**	Non Hazardous waste will be sold to authorized party/ scrap dealer.
	Wet waste:	Not applicable
	Hazardous waste:	Hazardous waste will be safely disposed off to CHWTSDF/ Sale to authorized Re processors
	Biomedical waste (If applicable):	Authorized disposal
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	**Location(s):**	within plot
	Area for the storage of waste & other material:	Dedicated waste storage area
	Area for machinery:	No machinery available.
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 2 Lakhs
	O & M cost:	Rs. 30 Lakhs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	--	9-10	7.5 to 8.0	7.5 to 8.0
2	Total Suspended Solids	mg/l	600	< 100	< 100
3	Total Dissolved Solids	mg/l	4000	< 2100	< 2100
4	Chemical Oxygen Demand	mg/l	60000	< 250	< 250
5	Biological oxygen demand	mg/l	15000	< 100	< 100
6	Oil and grease	mg/l	60	< 10	< 10
Amount of effluent generation (CMD):		Domestic effluent: 0.5 cmd & Trade effluent: 7.25 cmd			
Capacity of the ETP:		10 cmd			

Amount of treated effluent recycled :	Nil. Treated effluent will be sent to CETP.
Amount of water send to the CETP:	10 cmd
Membership of CETP (if require):	Unit is already member of Lote- Parshuram CETP.
Note on ETP technology to be used	Please refer pre feasibility report.
Disposal of the ETP sludge	ETP sludge will be disposed off in CHWTSDF.

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical sludge from waste water treatment of bottom sludge	34.3	MT/M	2.28	0.720	3.00	CHWTSDF
2	Distillation residue	20.3	MT/M	2.28	0	2.28	CHWTSDF
3	Residue and waste	28.1	MT/M	2.28	0	2.28	CHWTSDF
4	Empty barrels / containers/ liners contaminated with hazardous chemicals / wastes	33.1	Nos / year	0	100	100	Sell to authorized Reprocessor/ CHWTSDF
5	Sodium hydrogen sulphide	--	MT/M	0	105	105	Sell to authorized party/ CHWTSDF
6	Spent sulphuric acid	26.3	MT/M	0	73.5	73.5	Sell to authorized party/ CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Existing Boiler	LDO: 250 Litre per day	1	31	--	150
2	Proposed Boiler (850 Kg per hour)	Coal: 4 ton per day	2	Common stack of 35 m	--	150
3	Proposed Boiler (850 Kg per hour)	Coal: 4 ton per day	2	Common stack of 35 m	--	150
4	Proposed Boiler (650 Kg per hour)	Coal: 2.5 ton per day	2	Common stack of 35 m	--	150
5	Existing DG Set (500 KVA)	HSD: 65 lit/Hr	3	3 Meter above roof	--	130
6	Proposed DG Set (1000 KVA)	HSD: 200 lit/Hr	4	6.5 m above roof	--	130

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	LDO	250 Lit/ day	--	250 Lit/ day
2	Coal	--	Coal: 10.5 TPD	Coal: 10.5 TPD
3	HSD	65 lit/ Hr	200 lit/ Hr	265 lit/ Hr
41.Source of Fuel		From nearby vendors		
42.Mode of Transportation of fuel to site		By road		

43.Green Belt Development	**Total RG area :**	Green belt area: 28862.98 sq. m.
	No of trees to be cut :	Nil
	Number of trees to be planted :	Approx. 2000 nos.
	List of proposed native trees :	Details will be given in EIA report
	Timeline for completion of plantation :	2 years

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Anona squamosa	Custard apple	As per green belt development	Fast Growing, Evergreen, Round
2	Mimusops elengi	Bakuli	As per green belt development	Fast Growing, Evergreen, Oblong/ Round
3	Lagerstroemia speciosa	Queen Crape Myrtle	As per green belt development	Fast Growing, Evergreen, Oblong
4	Polyalthia longifolia	Ashok	As per green belt development	Fast Growing, Evergreen, Conical/ Rounded
5	Careya arborea	Kumbhi	As per green belt development	Fast Growing, Evergreen, Spreading
6	Mangifera indica	Mango	As per green belt development	Fast Growing, Evergreen, Round/ oblong
7	Ficus glomerata	Umber	As per green belt development	Fast Growing, Evergreen, Spreading
8	Hardwickia binata	Anjan	As per green belt development	Fast Growing, Evergreen, Spreading
9	Aegle marmelos	Bel	As per green belt development	Fast Growing, Evergreen, Round/ oblong
10	Feronia elephantum	Kawath	As per green belt development	Fast Growing, Evergreen, Round/ oblong
11	Azadirachta indica	Neem	As per green belt development	Fast Growing, Evergreen, Spreading
12	Cochlospermum religiosum	Ganeri	As per green belt development	Fast Growing, Evergreen, Spreading
13	Holoptelea integrifolia	Ainsadada/ Vavla	As per green belt development	Fast Growing, Evergreen, Spreading
14	Balaniles roxburghii	Hinganbet/Hingu	As per green belt development	Fast Growing, Evergreen, Spreading
15	Helicteris isora	Murad sheng	As per green belt development	Fast Growing, Evergreen, Round/ oblong
16	Gymnosporia montana	Henkal	As per green belt development	Fast Growing, Evergreen, Spreading
17	Holarrhena puboscens	Pandhra-Kuda	As per green belt development	Fast Growing, Evergreen, Oblong
18	Bauhinia purpurea	Butterfly Tree	As per green belt development	Fast Growing, Deciduous, Oblong
19	Bauhinia racemosa	Astha	As per green belt development	Fast Growing, Deciduous, Oblong

20	Gardenia jasminoides	Anant	As per green belt development	Fast Growing, Evergreen, Oblong
21	Hibiscus rosa-sinensis	Chinese Hibiscus	As per green belt development	Fast Growing, Evergreen, Round/ oblong
22	Nyctanthus arbor-tristis	Parijatak	As per green belt development	Fast Growing, Deciduous, Oblong/ Round
23	Psidium guava	Guava tree	As per green belt development	Fast Growing, Evergreen, Oblong
24	Calycopteris floribunda	Ukshi	As per green belt development	Fast Growing, Evergreen, Spreading
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	1000 KVA (existing)
	DG set as Power back-up during construction phase	Existing DG set- 500 KVA, Proposed DG set- 1000 KVA
	During Operation phase (Connected load):	Proposed power requirement: 1000 KVA
	During Operation phase (Demand load):	Proposed power requirement: 1000 KVA
	Transformer:	--
	DG set as Power back-up during operation phase:	Existing DG set- 500 KVA, Proposed DG set- 1000 KVA
	Fuel used:	HSD: 265 Lit/ Hr (existing & proposed)
	Details of high tension line passing through the plot if any:	High tension lines at north side of C 43 plot

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-Boiler, DG set	Stack	Stack
Water pollution	ETP	--
Noise	PPE, Enclosure	PPE, Enclosure
Solid & Hazardous waste	Disposal to CHWTSDF, Authorized recycler	Disposal to CHWTSDF, Authorized recycler

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Nil
	O & M cost:	Nil

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	From Utilities, Process and DG set	15	2
2	Environmental Monitoring	Regular Monitoring	0	2
3	Water Pollution Control	ETP upgradation	40	6
4	Hazardous Waste and Solid waste management	Storage and Disposal of Hazardous waste and Non-hazardous waste	2	30
5	Green Belt Development	Development and Maintenance of Green Belt	10	1
6	Occupational Health and Safety	PPE, Safety Training	--	1

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
Methanol	existing	within plot	30 KL	30 KL	160 TPM	nearby vendors	By road

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable
Parking details:	**Number and area of basement:**	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	9092.05 sq. m.
	Area per car:	3 m X 3 m
	Area per car:	3 m X 3 m
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	Minimum 6 m
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	5(f)- B
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	05-07-2019

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

PP 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. The proposal was considered in the 170th meeting of SEAC-1 held on 23.10.2019 wherein the proposal was deferred for follwoing reason.

"During deliberations many deficiencies observed in the information given in the Form-I. It was also noted that, PP has not obtianed amalgamation order for Plot No. C-4, C-4/1 and C-43. In view of above, SEAC-1 decided to defer the proposal till PP submits correct information in the Form - I and amalgamation order"

Now PP submitted copy of amalgamation order.

DECISION OF SEAC

Draft Terms of Reference (TOR) have been discussed and finalized during the 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.

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

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

The validity of the TOR will be for three years as per OM issued by MoEF and CC on 29.08.2017.

PP to submit Form - 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.

PP to submit their plan to utilize CER (Corporate Environment Responsibility) along with timelines as per OM issued by MoEF&CC dated 01.05.2018.

Specific Conditions by SEAC:

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

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.

175th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 175th -Day-2 **Meeting Date** January 15, 2020

Subject: Environment Clearance for Stone Quarry Minor Mineral Mining Project (1 .18Ha. for mining activity)M/s. Balraje Metal and Sand Tarfe Ashwini Sunil Ghatul, Gut no-10 (Part), Village- Kolharwadi, Taluka- Beed, Dist- Beed, MH.@41,035 TPA

Is a Violation Case: No

1.Name of Project	M/s. Balraje Metal and Sand Tarfe Ashwini Sunil Ghatul, Gut no-10 (Part), Village- Kolharwadi, Taluka- Beed, Dist- Beed,
2.Type of institution	Private
3.Name of Project Proponent	Ashwini Sunil Ghatul
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha- Hitech Products, Bangalore
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	NOT APPLICABLE
8.Location of the project	Gut no-10 (Part),
9.Taluka	Beed
10.Village	Kolharwadi,
Correspondence Name:	Ashwini Sunil Ghatul
Room Number:	NOT APPLICABLE
Floor:	NOT APPLICABLE
Building Name:	NOT APPLICABLE
Road/Street Name:	NOT APPLICABLE
Locality:	Village- Kolharwadi, Taluka- Beed, Dist- Beed,
City:	BEED
11.Whether in Corporation / Municipal / other area	GRAMPANCHAYAT Kolharwadi
12.IOD/IOA/Concession/Plan Approval Number	Mining Plan AND GRAMPANCHAYAT NOC
	IOD/IOA/Concession/Plan Approval Number: STC-05/(Mining Plan)/2018/515 dtd 15/09/2018
	Approved Built-up Area:
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.)	1.18 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).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.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 15-09-2018
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	8500000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	Not applicable
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	Black Stone Minor Mineral	0	3419	3419

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	11
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	11
	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**	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)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	1	1	0	0.3	0.3	0	0.7	0.7
Industrial Process	0	6	6	0	6	6	0	0	0
Gardening	0	4	4	0	4	4	0	0	0
Fresh water requirement	0	11	11	0	11	11	0	0.7	0.7

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Average water level of the project area in monsoon period is 85 m and 100 m in summer season.
	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) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	Natural water drainage pattern:	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	Sewage generation in KLD:	0.7
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Not applicable
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	Dry waste:	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable

Mode of Disposal of waste:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable
Area requirement:	**Location(s):**	Not applicable
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Amount of effluent generation (CMD):	Not applicable				
Capacity of the ETP:	Not applicable				
Amount of treated effluent recycled :	Not applicable				
Amount of water send to the CETP:	Not applicable				
Membership of CETP (if require):	Not applicable				
Note on ETP technology to be used	Not applicable				
Disposal of the ETP sludge	Not applicable				

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	DIESEL	0	100 TO 150 lit/day	100 TO 150 lit/day
41.Source of Fuel	NEAR BY FUEL STATION			
42.Mode of Transportation of fuel to site	BY ROAD			

43.Green Belt Development	**Total RG area :**	3894 sqm
	No of trees to be cut :	0
	Number of trees to be planted :	650
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	UPTO PLAN PERIOD

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	Delonix regia	Gulmohar	100	.
2	Mahua longifolia	Moha	100	.
3	Azadirachta indica	Kadulimb	100	.
4	Tectona grandis	Sag	100	.
5	Terminalia bellirica	Behada	100	.
6	Phyllanthus emblica	Amla	75	.
7	Ficus benghalensis	Kavath	75	.
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

Power requirement:	**Source of power supply :**	Not applicable
	During Construction Phase: (Demand Load)	Not applicable
	DG set as Power back-up during construction phase	Not applicable
	During Operation phase (Connected load):	Not applicable
	During Operation phase (Demand load):	Not applicable
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	Not applicable
	Fuel used:	Not applicable
	Details of high tension line passing through the plot if any:	Not applicable

48.Energy saving by non-conventional method:

Not applicable

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
Waste Water	Not applicable	SEPTIC TANK FOLLOWED BY SOAK PITS
Dust during material handling	Not applicable	Water sprinkling on Haul roads and Green Belt Development
Noise	Not applicable	Appropriate PPE's will be provides to workers, Green belt development
Solid Waste	Not applicable	The top soil used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit
Storm Water	Not applicable	Garland drains will be provided to maintain proper drainage of Storm water

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	Not applicable	Not applicable	Not applicable

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	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	2.4	0.75
2	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	2.0	0.20
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.0	0.15

4	Occupational health and safety	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety shoes), Periodic health check ups of workers	0.85	0.25
5	Environmental Monitoring Programme	Regular Monitoring for ambient air, noise, surface water, ground water	0.1	0.1

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
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable
Parking details:	**Number and area of basement:**	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Not applicable
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	Not applicable
	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	Not applicable
	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	03-10-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was considered in the 170th meeting of SEAC-1 held on 23.10.2019 wherein PP requestd to postpone the case.

DECISION OF SEAC

PP requested to postpone the case.

Hence, deferred

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.

175th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 175th -Day-2 **Meeting Date** January 15, 2020

Subject: Environment Clearance for Stone Quarry Minor Mineral Project (1.50 Ha for mining activity) Vijay Construction Company Tarfe Shri Vijaysinh Udaysinh Dikhakhat at Gat No 467/9 Part , Village Dharur, Tal- Dharur, Dist- Beed. @ 57449

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Project (1.50 Ha for mining activity) M/S VIJAY CONSTRUCTION COMPANY TARFE SHRI VIJAYSIH UDAYSINH DIKHAT, for Gat No- 467/9 (Part), Village- Dharur, Tal- Dharur, Dist- Beed
2.Type of institution	Private
3.Name of Project Proponent	Vijay Construction Company Tarfe Shri Vijaysinh Udaysinh Dikhakhat at Gat No 467/9 Part , Village Dharur, Tal- Dharur, Dist- Beed.
4.Name of Consultant	Dr. Prashant Banne of M/s Sneha Hi- Tech Products, Bangalore
5.Type of project	Others
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	Not Applicable
8.Location of the project	Gat No 467/9 Part
9.Taluka	Dharur
10.Village	Dharur
Correspondence Name:	Vijay Construction Company Tarfe Shri Vijaysinh Udaysinh Dikhakhat at Gat No 467/9 Part , Village Dharur, Tal- Dharur, Dist- Beed.
Room Number:	Not Applicable
Floor:	Not Applicable
Building Name:	Guru Krupa Niwas
Road/Street Name:	Katghapura
Locality:	Kille Dharur
City:	Dharur
11.Whether in Corporation / Municipal / other area	Other area Private land
12.IOD/IOA/Concession/Plan Approval Number	NA .. it is minor mineral proposal hence Mining Plan approved by Dy. Director (Regional Head), Directorate of Geology & Mining, Govt of Maharashtra, Aurangabad
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. STC (Mining Plan)/2018/514 dated 05/sep/2018
	Approved Built-up Area:
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.)	1.50 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).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.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 15-09-2018
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	9000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
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	Black Stone Minor Mineral	0	4787	4787

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	13
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	13
	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**	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)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	0.8	0.8	0	0.3	0.5	0	0.3	0.3
Industrial Process	0	12	12	0	12	12	0	0	0
Gardening	0	2	2	0	2	2	0	0	0
Fresh water requirement	0	12.8	12.8	0	12.8	12.8	0	0.3	0.3

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 85 m and 100 m in summer season.
	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) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	**Natural water drainage pattern:**	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.3
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NOT APPLICABLE
	Disposal of the construction waste debris:	NOT APPLICABLE
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NOT APPLICABLE
	Biomedical waste (If applicable):	NOT APPLICABLE
	STP Sludge (Dry sludge):	NOT APPLICABLE
	Others if any:	NOT APPLICABLE

Mode of Disposal of waste:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NOT APPLICABLE
	Biomedical waste (If applicable):	NOT APPLICABLE
	STP Sludge (Dry sludge):	NOT APPLICABLE
	Others if any:	NOT APPLICABLE
Area requirement:	**Location(s):**	NOT APPLICABLE
	Area for the storage of waste & other material:	NOT APPLICABLE
	Area for machinery:	NOT APPLICABLE
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NOT APPLICABLE
	O & M cost:	NOT APPLICABLE

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE
Amount of effluent generation (CMD):		NOT APPLICABLE			
Capacity of the ETP:		NOT APPLICABLE			
Amount of treated effluent recycled :		NOT APPLICABLE			
Amount of water send to the CETP:		NOT APPLICABLE			
Membership of CETP (if require):		NOT APPLICABLE			
Note on ETP technology to be used		NOT APPLICABLE			
Disposal of the ETP sludge		NOT APPLICABLE			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

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	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	DIESEL	0	100 TO 150 lit/day	100 TO 150 lit/day
41.Source of Fuel		NEAR BY FUEL STATION		
42.Mode of Transportation of fuel to site		BY ROAD		

43.Green Belt Development	**Total RG area :**	4950
	No of trees to be cut :	0
	Number of trees to be planted :	700
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	UPTO PLAN PERIOD

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	Delonix regia	Gulmohar	100	.
2	Mahua longifolia	Moha	100	.
3	Azadirachta indica	Kadulimb	200	.
4	Tectona grandis	Sag	50	.
5	Terminalia bellirica	Behada	100	.
6	Phyllanthus emblica	Amla	50	.
7	Ficus benghalensis	Kavath	100	.
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

Power requirement:	**Source of power supply :**	NOT APPLICABLE
	During Construction Phase: (Demand Load)	NOT APPLICABLE
	DG set as Power back-up during construction phase	NOT APPLICABLE
	During Operation phase (Connected load):	NOT APPLICABLE
	During Operation phase (Demand load):	NOT APPLICABLE
	Transformer:	NOT APPLICABLE
	DG set as Power back-up during operation phase:	NOT APPLICABLE
	Fuel used:	NOT APPLICABLE
	Details of high tension line passing through the plot if any:	NOT APPLICABLE

48.Energy saving by non-conventional method:

NOT APPLICABLE

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
Waste Water	NOT APPLICABLE	SEPTIC TANK FOLLOWED BY SOAK PITS
Dust during material handling	NOT APPLICABLE	Water sprinkling on Haul roads and Green Belt Development
Noise	NOT APPLICABLE	Appropriate PPE's will be provides to workers, Green belt development
Solid Waste	NOT APPLICABLE	The top soil used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit
Storm Water	NOT APPLICABLE	Garland drains will be provided to maintain proper drainage of Storm water

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	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

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	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	2.6	0.80
2	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	2.1	0.20
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.0	0.15

4	Occupational health and safety	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety shoes), Periodic health check ups of workers	0.85	0.25
5	Environmental Monitoring Programme	Regular Monitoring for ambient air, noise, surface water, ground water	0.10	0.10

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
NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NOT APPLICABLE
Parking details:	**Number and area of basement:**	NOT APPLICABLE
	Number and area of podia:	NOT APPLICABLE
	Total Parking area:	NOT APPLICABLE
	Area per car:	NOT APPLICABLE
	Area per car:	NOT APPLICABLE
	Number of 2-Wheelers as approved by competent authority:	NOT APPLICABLE
	Number of 4-Wheelers as approved by competent authority:	NOT APPLICABLE
	Public Transport:	NOT APPLICABLE
	Width of all Internal roads (m):	NOT APPLICABLE
	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	NOT APPLICABLE
	Court cases pending if any	NOT APPLICABLE
	Other Relevant Informations	NOT APPLICABLE
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was considered in the 170th meeting of SEAC-1 held on 23.10.2019 wherein PP remained absent.

DECISION OF SEAC

PP requested to postpone the case.

Hence, deferred

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal.Kindly find SEAC decision above.