


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

SEAC Meeting number: 175th - Day 1 Meeting Date January 14, 2020

Subject: Environment Clearance for Environment Clearance (EC) for proposed expansion of Commodity chemicals and Speciality chemicals Manufacturing unit from 31384 MT/M to 31766 MT/M - Application for Grant of ToRs.


Is a Violation Case: No

1.Name of Project	The Dharamsi Morarji Chemical Company Limited (TDMCCL)
2.Type of institution	Private
3.Name of Project Proponent	Mr. Sambhajirao N. Jadhav. (Vice President - Operations)
4.Name of Consultant	Equinox Environments (India) Private Limited (EEIPL)
5.Type of project	Other - Industrial
6.New project/expansion in existing project/modernization/diversification in existing project	Proposed Expansion project of Commodity chemicals and Speciality chemicals Manufacturing unit
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable, The Plot No. 105 in MIDC Dhatav, Taluka: Roha, District: Raigad was procured by TDMCCL in year 1976 on which existing unit of TDMCCL is established. Subsequently, the existing unit was commissioned in year 1978 which is well before the "EIA Notification No. S.O. 60 (E) dated 27.01.1994 and "EIA Notification No. S.O. 1533 (E) dated 14.09.2006 published by MoEFCC so the existing unit did not attract the condition for procurement of Environmental Clearance (EC) and hence only MPCB consent was procured. Annexure - I (Land Lease Agreement between MIDC Authority & TDMCCL) , Annexure - II (Copy of Consent to Operate issued by MPCB in year 1985)
8.Location of the project	Plot No. 105 in MIDC Industrial Area, P.O. Dhatav, Taluka: Roha, District: Raigad, State: Maharashtra.
9.Taluka	Roha
10.Village	Dhatav
Correspondence Name:	Mr. Sambhajirao N. Jadhav. (Vice President - Operations)
Room Number:	Plot No. 105 in MIDC Industrial Area
Floor:	Ground Floor
Building Name:	Administration
Road/Street Name:	MIDC Industrial Area, P.O. Dhatav
Locality:	MIDC Dhatav, Taluka: Roha
City:	Roha
11.Whether in Corporation / Municipal / other area	Other Area
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable, Since it's an Industrial Project IOD/IOA/Concession/Plan Approval Number: Not Applicable Approved Built-up Area: 40925
13.Note on the initiated work (If applicable)	Not Applicable; No work initiated on site.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	The existing Manufacturing Unit of TDMCCL is located in Notified Industrial Area i.e. MIDC Dhatav (Refer Annexure - I).
15.Total Plot Area (sq. m.)	88355 m ²
16.Deductions	Not Applicable
17.Net Plot area	88355 m ²
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.): 1500
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: 31-05-1976
19.Total ground coverage (m²)	40925 m ²
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	46.32 %


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21. Estimated cost of the project	100000000
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22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Sulphuric Acid Plant	G+2	9
2	Chloro Sulphonic Acid Plant	G+2	9
3	Benzene Sulphonyl Chloride Plant	G+4	14
4	Diethyl Sulphate Plant	G+4	14
5	Sodium Vinyl Sulphamate Plant	G+1	6
6	Workshop + Old PCC + Canteen	G	4
7	R&D Plant	G+2	9
8	Multi-Purpose Plant - 1(Proposed)	G+2	9
9	Multi-Purpose Plant - 2 (Proposed)	G+3	12

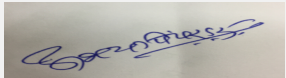
23. Number of tenants and shops	Not Applicable
24. Number of expected residents / users	Not Applicable
25. Tenant density per hectare	Not Applicable
26. Height of the building(s)	
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	15-Meter-wide roads provided by MIDC. The Fire Station is at about 1.00 km from project site.
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Internal roads with minimum 6-meter width and 9-meter turning radius.
29. Existing structure (s) if any	Yes, Existing Plant Built up Area - 10325 m ² , Two Multi-Purpose Plant will be built under expansion on area of 1500 m ²
30. Details of the demolition with disposal (If applicable)	Few equipment's / machineries in existing unit will be replaced by new under expansion. DES and BSCL plant building will be removed. Few equipment's / machineries from plant will be changed to new.

31. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sulphamic Acid	500	0	500
2	Diethyl Sulphate	200	100	300
3	Benzene Sulphonyl Chloride	570	30	600
4	Sulphuric Acid	8333	0	8333
5	Oleum	4167	0	4167
6	Sulphur Trioxide	2750	0	2750


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7	Sodium Vinyl Sulphonate/Other Sulphonates	150	50	200
8	Phenol Sulphonic Acid	50	0	50
9	Chlorosulphonic Acid	2000	0	2000
10	Diethyl Ether	50	0	50
11	Benzene Sulphonic Acid/Other Sulphonic Acids	20	0	20
12	N-Phenyl Benzene Sulphonamide	30	20	50
13	Methane Sulphonic Anhydride	5	0	5
14	Para Chloro Benzene Sulphonyl Chloride	25	0	25
15	4,4-Dihydroxy Diphenyl Sulphone	0	30	30
16	3,3-Dinitro Diphenyl Sulphone	0	30	30
17	3,3-Diamino Diphenyl Sulphone	0	20	20
18	Para Chloro Thiophenol	0	10	10
19	Bis (4-Chlorophenyl) Disulphide	0	10	10
20	Thiophenol	0	20	20
21	4-Methyl Mercapto Acetophenone	0	10	10
22	Silicon Sulphate	0	10	10
23	Para Nitro Benzene Sulphonyl Chloride	0	10	10
24	Lasamide	0	10	10
25	Diethyl Phthalate	0	50	50
26	Dimethyl Phthalate	0	50	50
27	Potassium Salt of Sulphonated Sulphone	0	10	10
28	N-Butyl Benzene Sulphonamide	0	10	10
29	Methyl Ester of Benzene Sulphonic Acid	0	5	5
30	Ethyl Ester of Benzene Sulphonic Acid	0	5	5
31	Para Chloro Benzene Sulphonic Acid	0	10	10
32	Para Toluene Sulphonic Acid	0	10	10
33	Dimethyl Aniline	0	50	50
34	Mono Methyl Aniline	0	20	20
35	Diethyl Aniline	0	30	30
36	Sodium Isethionate	0	10	10


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37	4,4-Dichloro Diphenyl Sulphone	0	10	10
38	Mono Ethyl Aniline	0	50	50
39	1,3-Benzene Disulphonyl Chloride	0	10	10
40	Menthyl Lactate	0	5	5
41	Calcium Sulphate	398	0	6
42	Phosphoric Acid	2	18	20
43	Sodium Sulphate	400	0	400
44	Sodium Sulphite	110	0	110
45	Dilute Sulphuric Acid	11600	0	11600
46	Diphenyl Sulphone	24	6	30
47	Sodium Chloride Solution	0	5	5
48	Ammonium Chloride Solution	0	50	50

32.Total Water Requirement

Dry season:	Source of water	MIDC Water Supply Scheme on Kundalika River located at 1.25 km from MIDC.
	Fresh water (CMD):	907
	Recycled water - Flushing (CMD):	85 (In Cooling Makeup)
	Recycled water - Gardening (CMD):	11 (from STP)
	Swimming pool make up (Cum):	Not Applicable
	Total Water Requirement (CMD) :	1003
	Fire fighting - Underground water tank(CMD):	500 M3
	Fire fighting - Overhead water tank(CMD):	500 M3
	Excess treated water	Not Applicable


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Wet season:	Source of water	MIDC Water Supply Scheme on Kundalika River located at 1.25 km from MIDC.
	Fresh water (CMD):	897
	Recycled water - Flushing (CMD):	85 (In Cooling Makeup)
	Recycled water - Gardening (CMD):	Not Applicable
	Swimming pool make up (Cum):	Not Applicable
	Total Water Requirement (CMD) :	993
	Fire fighting - Underground water tank(CMD):	500 M3
	Fire fighting - Overhead water tank(CMD):	500 M3
	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	15.00	2.00	17.00	5.00	0.50	5.50	10.00	1.50	11.50
Industrial Process	230.00	25.00	255.00	145.00	15.00	160.00	85.00	10.00	95.00
Cooling tower & thermopack	650.00	60.00	710.00	600.00	55.00	655.00	50.00	5.00	55.00
Gardening	10.00	11.00	21.00	10.00	11.00	21.00	0.00	0.00	0.00


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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre-Monsoon - 2.00 to 5.00 mbgl , Post-Monsoon - 1.10 to 4.05 mbgl
	Size and no of RWH tank(s) and Quantity:	Water Pond - 1000 KL (Near Staff Quarters) is provided
	Location of the RWH tank(s):	Near Staff Quarters
	Quantity of recharge pits:	Not Applicable
	Size of recharge pits :	Not Applicable
	Budgetary allocation (Capital cost) :	Not Applicable
	Budgetary allocation (O & M cost) :	10.00 Lac / Annum
	Details of UGT tanks if any :	Not Applicable
35.Storm water drainage	Natural water drainage pattern:	Dendritic Pattern
	Quantity of storm water:	2
	Size of SWD:	4 x 5 x 6 for Both
Sewage and Waste water	Sewage generation in KLD:	11.5
	STP technology:	Smaart Phyto STP
	Capacity of STP (CMD):	20 CMD (10 CMD STP is completed)
	Location & area of the STP:	Near ETP
	Budgetary allocation (Capital cost):	22 Lac
	Budgetary allocation (O & M cost):	2 Lac / Annum
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	There would be minor activities such as excavation, back filling etc. during construction of building and infrastructure facilities required for the project. Under Demolition work - Scrap 25 MT and debris of civil work - 100 MT will be generated.
	Disposal of the construction waste debris:	The debris generated will be dispose of in own premises while constructing two manufacturing units. Also, scrap generated will be sold to authorized scrap vendor. No Major construction would be done since most of infrastructure would be used from existing unit. In existing premises, only few equipment's and machinery would be installed as per requirement and area of 1500 m2 would be developed for proposed expansion unit. Once the construction gets over, the entire excess soil, if any, would be u
Waste generation in the operation Phase:	Dry waste:	Details of Solid Waste (kg/Annum) : - Paper Waste (Ext. - 100, Exp. - 0, Tot. after Exp. - 100), Broken Glass (Ext. - 10, Exp. - 0, Tot. after Exp. - 10), HDPE Bags (Ext. - 100, Exp. - 0, Tot. after Exp. - 100)
	Wet waste:	Not Applicable
	Hazardous waste:	Details of Hazardous Waste (kg/Day) : - Chemical Sludge from Waste Water Treatment (Cat. - 35.3) (Ext. - 833, Exp. - 109, Tot. after Exp. - 942), Residues , Dust or Filter cakes (Cat. - 17.1) (Ext. - 333, Exp. - 0, Tot. after Exp. - 333), Spent Catalyst (Cat. - 17.2) (Ext. - 4000 Lit./Annum, Exp. - 0, Tot. after Exp. - 4000 Lit./Annum)
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry	Not Applicable


Mode of Disposal of waste:	Dry waste:	Sale to Scrap Merchant
	Wet waste:	Not Applicable
	Hazardous waste:	CHWTSDF, Taloja Membership No.- MWML - HzW - ROH - 313 (Valid up to 21.03.2020) / Sale to Authorized Party
	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 Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	3-4	7-7.5	5.5-9.0
2	COD	mg/lit	4000-5000	200-250	250
3	BOD	mg/lit	2000-2500	70-80	100
4	TDS	mg/lit	3500-4000	1500-1900	2100
5	SS	mg/lit	300-350	50-80	100
Amount of effluent generation (CMD):		161.5			
Capacity of the ETP:		300			
Amount of treated effluent recycled :		85			
Amount of water send to the CETP:		65			
Membership of CETP (if require):		Yes			
Note on ETP technology to be used		Effluent generated from existing manufacturing and utility operations is to the tune of 145 CMD which is treated in existing ETP of 300 CMD capacity comprising of Primary, Secondary and Tertiary treatment operations. At present, the treated water from ETP is 145 CMD. Out of which 70 CMD is recycled for cooling makeup and remaining 65 CMD is forwarded to CETP by achieving prescribed standards. Under expansion, additional effluent of 15 CMD will be generated out of which after treatment in exiting			
Disposal of the ETP sludge		Salts from MEE and sludge from Filter press is forwarded to Common Hazardous Waste Treatment, Storage and Disposal Facility (CHWTSDF), Taloja, Mumbai.			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Chemical Sludge from Waste Water Treatment	35.3	kg/Day	833	109	942	CHWTSDF, Taloja Membership No.- MWML - HzW - ROH - 313 (Valid up to 21.03.2020) / Sale to Authorized Party


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2	Residues , Dust or Filter cakes	17.1	kg/Day	333	0	333	CHWTSDF, Taloja Membership No.- MWML - HzW - ROH - 313 (Valid up to 21.03.2020) / Sale to Authorized Party
3	Spent Catalyst	17.2	Lit./Annum	4000	0	4000	CHWTSDF, Taloja Membership No.- MWML - HzW - ROH - 313 (Valid up to 21.03.2020) / Sale to Authorized Party

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 (5 TPH)	FO (63 kg/hr)	4	35	31.5	165
2	DG Set (830,1310 KVA)	HSD / LDO (210 kg/hr)	7, 8	7.70, 7.70 (ARL)	7.76, 7.76	160
3	Scrubber (Lab)	Steam	1	5.5	4.3	50
4	Scrubber (SMA Plant)	Steam	2	24	4.3	70
5	Scrubber (SA Plant)	Steam	3	45	4.3	70
6	Scrubber (Chloro Plant)	Steam	5	32	11.8	70
7	Scrubber (BSCL Plant)	Steam	6	32	15.7	50
8	Scrubber (SVS Plant)	Steam	9	8	2	35
9	TFH (Under Exp.) (4 lakh Kcal/Hr)	HSD (47 Kg/Hr)	10	30	0.30	99

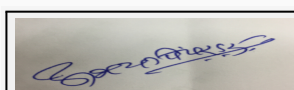
40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable
41.Source of Fuel		From Local Vendors (Existing)		
42.Mode of Transportation of fuel to site		Through Trucks By Road (Existing)		

43.Green Belt Development	Total RG area :	29500 m2
	No of trees to be cut :	Not Applicable, since no tree will be cut for expansion
	Number of trees to be planted :	3500 (Proposed)
	List of proposed native trees :	Ran Bibba, Kate savar, Umbar, Bahava, Arjun, Ain, Behada, Hirda, Shisav, Shisham, Karanj, Palas, Kadulimb, Wilayati Chinch, Nandruk, Saag, Bhokar, Khair, Kadamb, Apta, Saptaparni.
	Timeline for completion of plantation :	3 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	Hologarna grahamii	Ran Bibba	175	Native and pollution resistant



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2	Bombax ciba	Kate savar	175	Indigenous, evergreen, tolerant
3	Ficus racemosa	Umbar	175	Indigenous, evergreen, fast growing, tolerant
4	Cassia fistula	Bahava	175	Native, ornamental, host plant for bees and butterflies.
5	Terminalia cuneata	Arjun	175	Indigenous, evergreen, tolerant
6	Terminalia alata	Ain	175	Indigenous, evergreen, tolerant
7	Terminalia belerica	Behada	175	Native and pollution resistant, medicinal
8	Terminalia chebula	Hirda	175	Native and pollution resistant, medicinal
9	Dalbergia sissoo	Shisav, Shisham	175	Native and pollution resistant, tolerant
10	Pongamia pinnata	Karanj	175	Pollution tolerant, fast growing
11	Butea monosperma	Palas	175	Indigenous, evergreen, tolerant
12	Azadirachta indica	Kadulimb	175	Indigenous, evergreen, fast growing, air pollution resistant, medicinal
13	Pithecellobium dulce	Wilayati Chinch	175	Native, ornamental, host plant for bees and butterflies.
14	Ficus macrocarpa	Nandruk	175	Native and pollution resistant
15	Tectona grandis	Saag	175	Native and pollution resistant
16	Chordia dichotoma	Bhokar	175	Indigenous, evergreen, tolerant
17	Acacia Catechu	Khair	175	Native and pollution resistant
18	Neolamarckia cadamba	Kadamb	175	Indigenous, evergreen, tolerant
19	Bauhinia racemosa	Apta	175	Native and pollution resistant, medicinal
20	Alstonia scholaris	Saptaparni	175	Native, evergreen, higher dust settling index

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 :	Maharashtra State Electricity Distribution Company Limited (MSEDCL) and from solar power
	During Construction Phase: (Demand Load)	As per requirement
	DG set as Power back-up during construction phase	As per requirement
	During Operation phase (Connected load):	The average power supply - 27000 KW Hr/Day for the existing unit, presently taken from Maharashtra State Electricity Distribution Company Limited (MSEDCL) and the same would be the source for the proposed expansion activities. The average power supply - 3000 KW Hr/Day is required for the proposed expansion activities.
	During Operation phase (Demand load):	The average power supply - 27000 KW Hr/Day for the existing unit, presently taken from Maharashtra State Electricity Distribution Company Limited (MSEDCL) and the same would be the source for the proposed expansion activities. The average power supply - 3000 KW Hr/Day is required for the proposed expansion activities.
	Transformer:	Not Applicable
	DG set as Power back-up during operation phase:	830 and 1310 KVA
	Fuel used:	HSD / LDO
	Details of high tension line passing through the plot if any:	Not Applicable

48. Energy saving by non-conventional method:


- The Dharamsi Morarji Chemical Company Limited has installed a 335 KWp capacity Solar Power Plant in May 2016. Solar panels are already installed on site which harvests electricity of 335 KWp per day under the existing unit. Management of The Dharamsi Morarji Chemical Company Limited has planned for the harvesting of additional electricity of 100 KWp per day through solar panels to reduce electricity intake from MSEDCL which is in process.
- TDMCCL installed a biogas plant in which canteen waste and colony kitchen waste is consumed for biogas generation. This biogas is used in canteen

49. Detail calculations & % of saving:

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


50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution Control (APC)	Stacks, Scrubbers	Scrubbers
Water Pollution Control (WPC)	Effluent Treatment Plant (ETP) 70 m ³ recycled and discharged to CETP	No new ETP will be installed
Noise Pollution Control (NPC)	Noise Level Management	Noise Level Management
Environmental Management Plan and Monitoring	Environmental Management Plan and Monitoring	Environmental Management Plan and Monitoring
Green Belt Development	Green Belt Development	Green Belt Development


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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Exp. - Rs. 1465.00 Lac
	O & M cost:	Exp. - Rs. 165.00 Lac

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 (APC)	APC Equipment's like Stacks, Scrubber	250.00	50.00
2	Water Pollution Control (WPC)	ETP comprising of RO, STP & allied Infrastructure	730.00	40.00
3	Noise Pollution Control (NPC)	Noise Level Management	125.00	15.00
4	Environmental Management Plan and Monitoring	Environmental Management Plan and Monitoring	100.00	10.00
5	Green Belt Development	Green Belt Development	80.00	20.00
6	Occupational Health and Safety	Occupational Health and Safety	150.00	20.00
7	Rain Water Harvesting	RWH System & 1000 KL Collection Pond	30.00	10.00

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

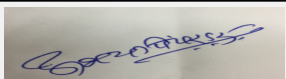
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Alcohol	Liquid	DES plant	210	200	176	Sugar Industry	Tanker
Ammonia	Liquid	Yard - NH3	19	10	45	RCF	Tanker
Benzene	Liquid	Yard - Benzene	52	40	315	BPCL/HPCL	Tanker

52.Any Other Information

No Information Available


53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
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Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	9450 m2 (12% OF TOTAL AREA)
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6 meter
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Project Site is located at 1.4 Km from proposed eco- sensitive area, Dhatav
	Category as per schedule of EIA Notification sheet	As per the provision of "EIA Notification No. S.O. 1533 (E)" dated 14.09.2006 and amendments thereto vide Notification dated 25.06.2014, the proposed project comes under 'Category - B1' Item No. 5 (f).
	Court cases pending if any	Not Applicable
	Other Relevant Informations	<p>1. TDMCCL is utilizing the heat generated during Sulphur Burning as a heating source for generation of steam in waste heat Boiler. Here, TDMCCL generates about 300 - 330 MT of steam daily. It is a green technology as no new fuel burning is done for steam generation thereby reducing the greenhouse gases. After in - house utilization of steam generated from waste heat boiler, about 60 MT / day of steam is supplied to immediate neighboring industries. Here, once again there is reduction of greenhouse gas emissions as no additional fuel like FO; Coal etc. burning is done by neighboring industries for generation of steam. This activity helps reduce the carbon footprint equivalent to 13 MT per day.</p> <p>2. Most of major products are manufactured in dedicated equipment's hence no washings are required. This reduces the effluent load.</p> <p>3. Draft Notification of the Eco-Sensitive Areas (ESA) for Western Ghats published by MoEFCC dated 10.03.2014, 04.09.2015, 27.02.2017 and 03.10.2018 therein village Dhatav, wherein the MIDC Dhatav (Roha) is setup have appeared in the list of ESA villages for Western Ghats. The same is not yet been finalized.</p>
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	27-02-2018


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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.


DECISION OF SEAC



Abhay Pimparkar (Secretary SEAC-I)

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(Chairman SEAC-I)**

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

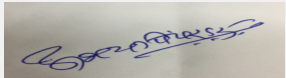
The validity of the TOR will be for three years as per OM issued by MoEF and CC on 29.08.2017.

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 certificate of incorporation of the company, list of directors and memorandum of articles/association.
- 2) PP to submit lay out plan showing internal roads with minimum six meter width and nine meter turning radius, entry/exit gates provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
- 3) PP to submit plan layout showing contour levels, storm water drain lines and location of rain water harvesting facilities along with calculations. PP to consider 125 mm rain intensity in Mumbai / Konkan area and 100 mm in rest of the Maharashtra area for the purpose of calculations.
- 4) PP to submit year wise production quantities along with the name of products, effluent generation, solid waste generation, fuel consumption etc. from the inception of the company along with quantities permitted in the Consent to Operate obtained from 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.
- 5) PP to carry out life cycle analysis of all the products manufactured on site with respect to the acidification potential, eutrophication potential, green house and ozone depletion potential etc and proposed mitigation measures to reduce the identified potentials.
- 6) PP to include detailed product wise material balance charts for each product showing consumption of raw material, sources of pollution and mitigation measures to control the pollution and justified use of resources along with quantities in the EIA report.
- 7) PP to include detailed water balance calculations along with design details of ETP design. PP to submit copy of CETP permission mentioning quantity of treated effluent permitted to discharge in the CETP if such permission is not granted PP to submit design details of ZLD Effluent Treatment Plant.
- 8) PP to prepare the Legal Register with respect to compliance of various Acts , Rules and Regulations applicable to the manufacturing activities.
- 9) PP to carry out flooding study with respect to the river Ganga passing near by the industry so as to adopt proper mitigation measures to mitigate flood situation.
- 10) 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.
- 11) PP to submit structural stability certificate of existing building with respect to the proposed expansion and age of the structure.
- 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 carry out HAZOP and QRA and submit disaster management plan.
- 16) PP to provide new and renewable energy for illumination of office building, street light and parking areas etc.
- 17) PP to ensure uniformity in the information to be submitted in the Form-I/II, EIA/EMP report and presentation, consolidated statement.


**Abhay Pimparkar (Secretary
SEAC-I)**

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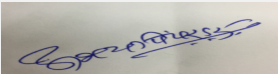
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**Dr. Umakant Dangat
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FINAL RECOMMENDATION

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.


SEAC-AGENDA-0000000384



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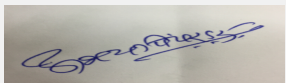
175th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 175th - Day 1 Meeting Date January 14, 2020

Subject: Environment Clearance for Establishment of Common Biomedical Waste Treatment Facility - Application for grant of ToRs .


Is a Violation Case: No

1.Name of Project	M/s. Shree Govind Biomedical Pvt. Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. A. B. Jadhav (CMD)
4.Name of Consultant	Equinox Environments (India) Pvt. Ltd.
5.Type of project	NA
6.New project/expansion in existing project/modernization/diversification in existing project	New Project, 1) There is another unit - Shree Govind Biomedical Corporation at A/p Kutgaon-Nerur, Tal: Kudal, Dist.: Sindhudurg wherein Deep burial and Land filling facility is in operation. 2) After implementation of this new project - Shree Govind Biomedical Pvt. Ltd., existing unit of Deep Burial and Land filling unit will be totally closed and only proposed incineration unit will be in process.
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Plot No. H-148, MIDC Kudal.
9.Taluka	Kudal
10.Village	Kudal
Correspondence Name:	M/s. Shree Govind Biomedical Corporation
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	BF2, B Wing
Locality:	Mathura Arked, Opp. MSEB Office
City:	Vengurla Road,
11.Whether in Corporation / Municipal / other area	Other Area- Kudal MIDC
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: MIDC Plan Approval. Refer Annexure- I for additional attachment of Power NOC and other NOC certificates. Approved Built-up Area: 862.33
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.)	4278.00
16.Deductions	NA
17.Net Plot area	4278.00
18 (a).Proposed Built-up Area (FSI & Non-FSI)	a) FSI area (sq. m.): NA b) Non FSI area (sq. m.): NA c) Total BUA area (sq. m.): 863.00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): NA Approved Non FSI area (sq. m.): NA Date of Approval: 22-12-2017
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	9130000


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22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Office Building	0	5.50
2	Plant Building	0	5.50
3	Incinerator waste storage area	0	9.00
23. Number of tenants and shops	NA		
24. Number of expected residents / users	NA		
25. Tenant density per hectare	Total 30 Workers		
26. Height of the building(s)			
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	NA		
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA		
29. Existing structure (s) if any	NA		
30. Details of the demolition with disposal (If applicable)	NA		

31. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Incinerator (1 No.)	0.0	100 Kg/Hr.	100 Kg/Hr.
2	Autoclave (1 No.)	0.0	400 Lit./Cycle	400 Lit./Cycle
3	Shredder (1 No.)	0.0	200 Kg/Hr.	200 Kg/Hr.


32. Total Water Requirement

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 175th - Day 1 Meeting Date: January 14, 2020	Page 17 of 77	 Dr. Umakant Dangat (Chairman SEAC-I)
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Dry season:	Source of water	MIDC Water supply scheme
	Fresh water (CMD):	4.5
	Recycled water - Flushing (CMD):	5 (In process not for flushing)
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	9.5
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Wet season:	Source of water	MIDC Water supply scheme
	Fresh water (CMD):	4.5
	Recycled water - Flushing (CMD):	5 (In process not for flushing)
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	9.5
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Details of Swimming pool (If any)	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	0.0	1.5	1.5	0.0	0.2	0.2	0.0	1.3	1.3
Industrial Process	0.0	7.0	7.0	0.0	1.0	1.0	0.0	6.0	6.0
Gardening	0.0	1.0	1.0	0.0	1.0	1.0	0.0	0.0	0.0


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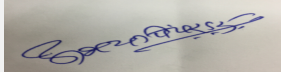
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Unconfined aquifers. Depth of GW Level: 8.5 m to 15 m
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	--
	Quantity of recharge pits:	--
	Size of recharge pits :	--
	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	--
	Details of UGT tanks if any :	1 UGT proposed.

35.Storm water drainage	Natural water drainage pattern:	Varies as per topography along the alignment
	Quantity of storm water:	NA
	Size of SWD:	NA

Sewage and Waste water	Sewage generation in KLD:	1.3 KLPD
	STP technology:	No STP. Domestic sewage will be treated in septic tank followed by soak pits
	Capacity of STP (CMD):	--
	Location & area of the STP:	In proposed plot
	Budgetary allocation (Capital cost):	1.25 Lacks
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	3 MT/Month
	Disposal of the construction waste debris:	All waste would be recycled.
Waste generation in the operation Phase:	Dry waste:	1) Plastic Scrap- 1.5 MT/Month 2) MS scrap - 0.5 MT/Month 3) Other Waste - 1.0 MT/Month
	Wet waste:	Proposed facility is for treatment and disposal of Bio-medical waste
	Hazardous waste:	1) Incineration Ash (09 BMW Rules) -1MT/M 2) ETP Sludge (Cat. No. 36) - 100 Kg/M 3) Disinfected/ De-shaped and Shredded Plastic material (04 and 07 BMW Rules) -50 kg/M
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA


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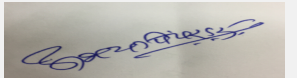
Mode of Disposal of waste:	Dry waste:	Recycled
	Wet waste:	Recycled
	Hazardous waste:	(1) Incineration Ash and ETP Sludge will be Disposed in MWML (Mumbai Waste Management Ltd.), CHWTSDF, (2) Disinfected/de-shaped and shredded plastic material will be Disposed in Authorized Recycler.
	Biomedical waste (If applicable):	Proposed facility for treatment and disposal of Bio-medical waste
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Plot No. H- 148, Kudal MIDC, Tal.: Kudal, Dist.: Sindhudurg, Maharashtra.
	Area for the storage of waste & other material:	Within industrial premises
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	81.2 Lacks
	O & M cost:	5.9 Lacks

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	pH	--	2.3	6.5-8.0	--
2	Suspended Solids (SS)	mg / lit	151	<20	100
3	Suspended Solids (SS)	mg / lit	151	<20	100
4	Chemical Oxygen Demand (COD)	mg / lit	350	<50	250
Amount of effluent generation (CMD):		7.3 CMD			
Capacity of the ETP:		10 CMD			
Amount of treated effluent recycled :		5 CMD			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		The effluents would be treated in ETP comprises of equalization tank, Bar screen chamber, Flash Mixing Chamber, Tube Settler, SBR Basin, Filter Feed tank, Sludge drying beds. The treated water would be used for cooling and processing. The ETP sludge would be used as manure.			
Disposal of the ETP sludge		MWML (Mumbai Waste Management Ltd.), CHWTSDF			


38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Incineration Ash	09 (BMW Rules)	MT/M	0.0	1	1	MWML (Mumbai Waste Management Ltd.), CHWTSDF
2	ETP Sludge	36	Kg/M	0.0	100	100	MWML (Mumbai Waste Management Ltd.), CHWTSDF


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3	Disinfected/de-shaped and shredded plastic material	04 and 07 (BMW Rules)	kg/M	0.0	50	50	Authorized Recycler
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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	Incinerator	HSD-28 Lit/Hr.	1	30	Base 2100mm Top 450 mm	--
2	DG Set	HSD-15 Lit/Hr.	2	6	50mm	--

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD for Incinerator	0.0	28 Lit./Hr.	28 Lit./Hr.
2	HSD for DG set	0.0	15 Lit./Hr.	15 Lit./Hr.


41.Source of Fuel Nearest Petrol Pump

42.Mode of Transportation of fuel to site By road

43.Green Belt Development	Total RG area :	1411.78 Sq. M.
	No of trees to be cut :	NA
	Number of trees to be planted :	113
	List of proposed native trees :	(1) Tamarindus indica, (2) Aegle marmelos, (3) Mimusops elengi, (4) Ficus benghalensis, (5) Ficus reliogiosa
	Timeline for completion of plantation :	5 Years


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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Tamarindus indica	Chinch	13	Indigenous, evergreen, fast growing, tolerant
2	Aegle marmelos	Bel	13	Indigenous, evergreen, fast growing, tolerant
3	Mimusops elengi	Bakul	13	Indigenous, evergreen, fast growing, tolerant
4	Ficus benghalensis	Wad	13	Indigenous, evergreen, fast growing, tolerant
5	Ficus reliogiosa	Pimpal	13	Indigenous, evergreen, fast growing, tolerant
6	Azadirachta indica	Neem	13	Indigenous, evergreen, fast growing, tolerant
7	Lagerstroemia speciosa	Taman	13	Indigenous, evergreen, fast growing, tolerant
8	Alstonia scholaris	Satvin	13	Indigenous, evergreen, fast growing, tolerant



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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 Department Corporation Ltd. (M.S.E.D.Co. Ltd.)	
	During Construction Phase: (Demand Load)	50 KVA	
	DG set as Power back-up during construction phase	As per requirement	
	During Operation phase (Connected load):	56 KVA	
	During Operation phase (Demand load):	80 KVA	
	Transformer:	NA	
	DG set as Power back-up during operation phase:	Proposed D.G. set with 82.5 KVA	
	Fuel used:	HSD- 15 Lit./Hr.	
	Details of high tension line passing through the plot if any:	NA	
48.Energy saving by non-conventional method:			
NA			
49.Detail calculations & % of saving:			
Serial Number	Energy Conservation Measures	Saving %	
1	LED and Solar Lamps	20 %	
50.Details of pollution control Systems			
Source	Existing pollution control system	Proposed to be installed	
Effluent for Process, Washing	Not applicable	To ETP	
Domestic Sewage	Not applicable	Septic tank followed by soak pits	
Air Pollution from Incinerator	Not applicable	Scrubber	
Noise	Not applicable	Acoustic Enclosure	



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Budgetary allocation (Capital cost and O&M cost):	Capital cost:	81.2 Lacks					
	O & M cost:	5.9 Lacks					
51.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	NA	NA	NA				
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	APC	36.85	2.5			
2	Water Pollution Control	ETP	36.85	0.25			
3	Environmental Monitoring & Management	Environmental Monitoring & Management	5	3			
4	Occupational Health	Occupational Health	1	--			
5	Green Belt	Green Belt	1.5	0.15			
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	Liquid Fuel	Fuel Storage	150 Lit/Day	250 Lit/Day	1704 Lit/Day	Nearest Petrol Pump	By road
52.Any Other Information							
No Information Available							
53.Traffic Management							
Nos. of the junction to the main road & design of confluence:			NA				


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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:	Maximum 4
	Number of 4-Wheelers as approved by competent authority:	Maximum 4 and 8 Biomedical waste vehicles
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	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	Category 'B', Item No.7 (da)
	Court cases pending if any	NA
	Other Relevant Informations	Application in prescribed online format of 'Form-1' is submitted alongwith requisite documents for grant of ToRs.
	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



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

Brief information of the project by SEAC

PP submitted their application for the grant of ToR under category 7(da)B1 as per EIA Notification, 2006. The proposal was considered in the 154th meeting of SEAC-1 held on 30.08.2018 wherein the proposal was deferred for following reason.

"PP has not yet obtained site selection / consent to establish from the prescribed authority as per Biomedical Waste Management Rules,2016."

Now PP submitted copy of consent to Established obtained from MPCB.

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.


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.
- 2) PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, provision of cul-de-sac at dead ends of the internal roads if any, location of pollution control equipment, parking areas, 33% green belt with its dimensions, rain water harvesting structures (locations with dimensions), storm water drain lines, along with index and area statement showing calculations for each area and cross sections of storm water drain and rain water harvesting pits etc.
- 3) PP to prepare EIA/EMP report as per guidelines in respect of Bio Medical Waste Management issued by MoEF&CC vide Office Memorandum dated 4th January, 2019.
- 4) PP to submit action plan for point wise compliance of the Bio Medical Waste Rules, 2106.
- 5) PP to design incinerator as per guidelines prescribed by CPCB and include details in the EIA report.
- 6) PP to carry out survey in consultation with the local bodies, District Health Officer, Civil Surgeon to decide on the quantum of the waste expected to be received for treatment; PP to justify proposed capacity of the incinerator with respect to the expected quantity of Biomedical Waste. PP to explore possibility of collection and treatment of Bio Medical Waste generated in veterinary clinics, and consider the same while designing of the treatment facilities.
- 7) PP to include detailed plan of segregation, collection, transport, storage, treatment and disposal of Biomedical Waste in the EIA report including numbers of vehicles and features of the vehicles to be engaged for waste collection.
- 8) PP to submit details of the waste storage facilities/rooms.
- 9) PP to include details of waste generated from the treatment facility and its disposal in the EIA report.
- 10) PP to include details of the fuel requirement for the incineration in the EIA report.
- 11) PP to explore possibility of recovery of waste heat generated during incineration.
- 12) PP to include details of waste water treatment and disposal in the EIA report.
- 13) PP to submit land use map based on satellite imagery including location of specific sensitive such as national parks/wild life sanctuary, villages, industries etc.
- 14) PP to include details of the pollution control equipment/technologies and online monitoring equipment's in the EIA report.
- 15) PP to ensure extensive training and awareness campaign of the workers on site and staff of the hospitals for segregation and collection of the Biomedical Waste. PP to prepare specific program to monitor safety and health protection of the workers and include it in the EIA report.
- 16) PP to include EMP devised to mitigate the adverse impacts of the project along with item-wise cost of its implementation (capital and recurring costs).
- 17) PP to submit emergency preparedness plan.
- 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.


**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 175th - Day 1 Meeting Date:
January 14, 2020**

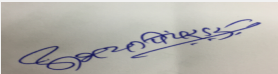
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Signature: 
Name: Dr. Umakant Dangat
**Dr. Umakant Dangat
(Chairman SEAC-I)**

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.


SEAC-AGENDA-0000000384



**Abhay Pimparkar (Secretary
SEAC-I)**

**SEAC Meeting No: 175th - Day 1 Meeting Date:
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**Dr. Umakant Dangat
(Chairman SEAC-I)**

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

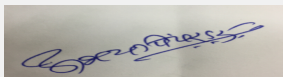
SEAC Meeting number: 175th - Day 1 Meeting Date January 14, 2020

Subject: Environment Clearance for Environment Clearance for Expansion in Production of Uttamber Bauxite Opencast Mining Project

Is a Violation Case: No

1.Name of Project	Uttamber Bauxite Mine
2.Type of institution	Private
3.Name of Project Proponent	Shri Chetan Shah
4.Name of Consultant	Srushti Seva Private Limited
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes, Vide Letter No. SEAC-20 N/CR-159/TC-2, dated 28.01.2016
8.Location of the project	65, 67, 68, 69, 70, 73, 74,131,134 and 160, Village Uttamber
9.Taluka	Khed
10.Village	Uttamber
Correspondence Name:	Shri Chetan Shah
Room Number:	D-273
Floor:	3rd
Building Name:	Jeevan Udyog Building
Road/Street Name:	D. N. Road
Locality:	Fort
City:	Mumbai- 400 001
11.Whether in Corporation / Municipal / other area	Other Area
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	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.)	45.544 Ha
16.Deductions	Not applicable
17.Net Plot area	45.544 Ha
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: 18-02-2016
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	25700000

22.Number of buildings & its configuration



Abhay Pimparkar (Secretary SEAC-I)

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Dr. Umakant Dangat (Chairman SEAC-I)

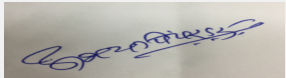
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable
23.Number of tenants and shops	Not applicable		
24.Number of expected residents / users	Not applicable		
25.Tenant density per hectare	Not applicable		
26.Height of the building(s)			
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	Bauxite	2000	14666.66	16666.66


32.Total Water Requirement

Dry season:	Source of water	Borewell and Pit water
	Fresh water (CMD):	20.3
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	20.3
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable


Abhay Pimparkar (Secretary
SEAC-I)

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(Chairman SEAC-I)

Wet season:	Source of water	Borewell and Pit water
	Fresh water (CMD):	20.3
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	20.3
	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	2.0	2.3	4.3	0.5	0.6	1.1	1.5	1.7	3.2
Gardening	10.5	5.5	16	10.5	5.5	16	Nil	Nil	Nil
Fresh water requirement	12	8.3	20.3	11.0	6.1	17.1	1.5	1.7	3.2

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Below 12 BGL
	Size and no of RWH tank(s) and Quantity:	2 Nos. One Settling Pond and One Garland Drain
	Location of the RWH tank(s):	Within mining lease area
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	10 Lakhs
	Budgetary allocation (O & M cost) :	1 Lakh
	Details of UGT tanks if any :	Not Applicable



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35.Storm water drainage	Natural water drainage pattern:	Not Applicable. However, the storm water due to rainfall will be channelized to the natural water courses like gullies and depression through appropriate drain.
	Quantity of storm water:	-
	Size of SWD:	-
Sewage and Waste water	Sewage generation in KLD:	3.2
	STP technology:	Modullar STP
	Capacity of STP (CMD):	One Modular STP , Capacity 5 M3/day
	Location & area of the STP:	Within Mining Lease area
	Budgetary allocation (Capital cost):	Rs. 10 Lakhs
	Budgetary allocation (O & M cost):	Rs. 2 Lakhs
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:	There will not be any waste or mineral rejects.
	Wet waste:	Nil
	Hazardous waste:	None
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable
Mode of Disposal of waste:	Dry waste:	Not Applicable
	Wet waste:	Not Applicable
	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		


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Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	None	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	None	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	-	-	-


41.Source of Fuel From neaby Petrol pump

42.Mode of Transportation of fuel to site No storage at site

43.Green Belt Development	Total RG area :	44.264 Ha
	No of trees to be cut :	-
	Number of trees to be planted :	88528
	List of proposed native trees :	Mango, Cashew, Kokam, Phanas, Suru. Jambhul, Kaduneem, Sag
	Timeline for completion of plantation :	During Conceptual 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	Mangifera indica	Mango	11500	Created to intercept dust, gaseous pollutants and noise and Fruits
2	Anacardium occidentale	Cashew	11500	Created to intercept dust, gaseous pollutants and noise and Fruits


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3	Casuarina equisetifolia	Suru	11500	Tall growing and wind barrire
4	Casuarina equisetifolia	Suru	11500	Tall growing and wind barrire
5	Garcinia indica	Kokam	11500	Created to intercept dust, gaseous pollutants and noise and Fruits
6	Artocarpus heterophyllus	Fanas	11500	Created to intercept dust, gaseous pollutants and noise and Fruits
7	Syzygium cumini	Jambhul	11500	Created to intercept dust, gaseous pollutants and noise and Fruits
8	Azadirachta indica	Kaduneem	11500	Created to intercept dust, gaseous pollutants, noise and medicin

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

47.Energy

Power requirement:	Source of power supply :	Maharashtra State Power Distribution Company Limited
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	10 KVA
	During Operation phase (Connected load):	50 KW
	During Operation phase (Demand load):	50 KW
	Transformer:	50 KVA
	DG set as Power back-up during operation phase:	10 KVA
	Fuel used:	Diesel
Details of high tension line passing through the plot if any:	No high tension line passing through the lease area	

48.Energy saving by non-conventional method:


10 Solar Light poles within mining lease area

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Light poles within mining lease area	10 solar lamps


50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution	Water Sprinkling during mining activities, green belt	Black topping of approach road, Water Sprinkling during mining activities, green belt


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Water Pollution	Septic Tanks/Soak Pits, check dams	Construction of Garland Drain, Settling pond, Modular STP
Noise Pollution	Preventive Maintenance of all machinery, equipment	Preventive Maintenance of all machinery, equipment
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Rs. 150000/-
	O & M cost:	Rs. 20000/-

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	8	2
2	Water Pollution Control	Desilting Tanks, garland drain, Boulder Check plug, Septic Tanks/Soak Pits, Mine water sedimentation pond , Modular SPT	15	3
3	Pollution Monitoring	Hydrogeological monitoring, Air, Water, Noise Vibration Monitoring	Nil	6
4	Conservation of Natural Resources	Solar Lightening arrangement, Rainwater Harvesting ,Soil preservation (biological reclamation)	6	2
5	Plantation /Reclamation	Biological reclamation, Plantation	8	3
6	Occupational Health	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety beds)	6	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
None	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

52.Any Other Information

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 175th - Day 1 Meeting Date: January 14, 2020	Page 34 of 77	Signature:  Name: Dr. Umakant Dangat Dr. Umakant Dangat (Chairman SEAC-I)
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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):	-
	CRZ/ RRZ clearance obtain, if any:	The project does not fall under the ambit of CRZ Notification, 2011. NOC from Maharashtra Coastal Zone Management Authority has been obtained.
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	-
	Category as per schedule of EIA Notification sheet	Category B1
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	27-01-2016

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable



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Name: Dr. Umakant Dangat
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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	

SEAC-AGENDA-0000000384

PP submitted their application for the grant of TOR under category 1(b)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 154th meeting of SEAC-1 held on 30.08.2018 wherein the proposal was deferred till compliance of following reason.

"

During deliberations with the PP and their accredited consultant, it was observed that, PP applied for mining of Bauxite on 45.544 Ha. of land where as PP has possession on only 7.40 Ha. SEAC-1 is of the view that, PP has no authority to apply for the land/area which is not in their ownership & possession. PP may revise the proposal for mining of Bauxite in the land which is in their ownership & possession and submit revised details in the Form-I, Prefeasibility Report, Approved Mining Plan, Consolidated Statement.

Hence, SEAC-1 decided to defer the proposal till PP submits revised proposal."

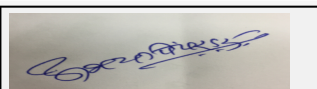
DECISION OF SEAC

PP remained absent. Hence, deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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


Abhay Pimparkar (Secretary
SEAC-I)

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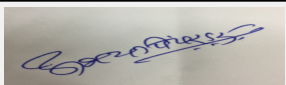
175th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 175th - Day 1 Meeting Date January 14, 2020

Subject: Environment Clearance for Stone Quarry Minor Mineral Mining Project (1.84 Ha. for mining activity) Sou Laxmi Ramchandra Kadam Survey No -246/2 and 3 Village- Devrahtre, Taluka- Kadegaon Dist- Sangli @38102 TPA


Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Mining Project (1.84 Ha. for mining activity) Sou Laxmi Ramchandra Kadam Survey No -246/2 and 3 Village- Devrahtre, Taluka- Kadegaon Dist- Sangli
2.Type of institution	Private
3.Name of Project Proponent	Sou Laxmi Ramchandra Kadam
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
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Gat No- 246/2&3
9.Taluka	Kadegaon
10.Village	Devrashtre
Correspondence Name:	Sou Laxmi Ramchandra Kadam
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Devrashtre
City:	Kadegaon
11.Whether in Corporation / Municipal / other area	Grampanchayat Devrashtre
12.IOD/IOA/Concession/Plan Approval Number	Mining Plan AND GRAMPANCHAYAT NOC IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. ML/PL/487/III/2016/1127 Dtd. 23/9/2016 Approved Built-up Area: 1.84
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.)	1.84 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: 23-09-2016
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


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22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable
23. Number of tenants and shops	Not applicable		
24. Number of expected residents / users	Not applicable		
25. Tenant density per hectare	Not applicable		
26. Height of the building(s)			
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	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	NA	3175.16	3175.16

32. Total Water Requirement



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Dr. Umakant Dangat (Chairman SEAC-I)

Dry season:	Source of water	tankar
	Fresh water (CMD):	10
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	10
	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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1	1	0	0.3	0.7	0	0.7	.7
Cooling tower & thermopack	0	6	6	0	6	6	0	0	0
Gardening	0	3	3	0	3	3	0	0	0


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Fresh water requirement	0	10	10	0	10	10	0	0.3	0.3
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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	average water level of the project area in monsoon period is 30 m and 45 m in summer season.
	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 :	NA

35.Storm water drainage	Natural water drainage pattern:	NA
	Quantity of storm water:	NA
	Size of SWD:	NA

Sewage and Waste water	Sewage generation in KLD:	0.3
	STP technology:	SEPTIC TANK
	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:	NA
	Disposal of the construction waste debris:	NA
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:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

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 will be used as a manure for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	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	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			

38. Hazardous Waste Details


Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

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	NA	NA	NA	NA	NA	NA


40. Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	DIESEK	0	90 LIT/DAY	90 lit/day
41. Source of Fuel		near by fual station		
42. Mode of Transportation of fuel to site		by road		


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43.Green Belt Development	Total RG area :	6072
	No of trees to be cut :	0
	Number of trees to be planted :	600
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Kavath, Gela, Ain
	Timeline for completion of plantation :	na

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	Terminalia bellirica	Behada	100	.
5	Phyllanthus emblica	Amla	100	.
6	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	NA	NA	NA

47.Energy


Power requirement:	Source of power supply :	NA
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	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		
Waste Water	NA	SEPTIC TANK FOLLOWED BY SOAK PITS		
Dust during material handling	NA	Water sprinkling on Haul roads and Green Belt Development		
Noise	NA	Appropriate PPE's will be provides to workers, Green belt development		
Solid Waste	NA	The top soil used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit		
Storm Water	NA	Garland drains will be provided to maintain proper drainage of Storm water		
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	NA	NA	NA	
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	2.1	0.40
2	Noise Pollution Control	Preventive Maintenance of all heavy machineries, Appropriate PPE's will be provides to workers	1.0	0.20
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	2.50	0.40


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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	1.0	0.10
5	Environmental Monitoring Programme	Regular Monitoring for ambient air, noise, surface water, ground water	0.60	0.10

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


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

52.Any Other Information

No Information Available


53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	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):	0
	CRZ/ RRZ clearance obtain, if any:	NA


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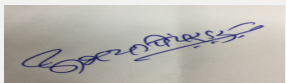

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	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	16-12-2017

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

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

DECISION OF SEAC

PP requested to postpone the case.

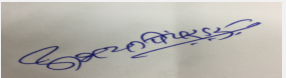
Hence, deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION


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

SEAC-AGENDA-0000000384


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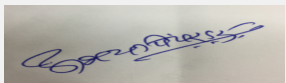
175th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 175th - Day 1 Meeting Date January 14, 2020

Subject: Environment Clearance for Stone Quarry Minor Mineral Mining Project (1 Ha. for mining activity) of SHRI VIJAY SHIVAJI PAWAR, for Gat No- 1732/A, Village, Manerajuri, Tal- Tasgaon, Dist- Sangli, @ 7074 TPA


Is a Violation Case: No

1.Name of Project	SStone Quarry Minor Mineral Mining Project (1 Ha. for mining activity) of SHRI VIJAY SHIVAJI PAWAR, for Gat No- 1732/A, Village, Manerajuri, Tal- Tasgaon, Dist- Sangli, Maharashtra
2.Type of institution	Private
3.Name of Project Proponent	Shri Vijay Shivaji Pawar
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	Gat No- 1732/A
9.Taluka	Tasgaon
10.Village	Manerajuri
Correspondence Name:	A/p- Manerajuri, Tal- Tasgaon, Dist- Sangli
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Manerajuri
City:	Sangli
11.Whether in Corporation / Municipal / other area	Grampanchayat Manerajuri
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Mining Plan AND GRAMPANCHAYAT NOC
	IOD/IOA/Concession/Plan Approval Number: IOD/IOA/Concession/Plan Approval Number: IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. MIN-Adm/695/2018/1114Dtd. 09/10/2018
	Approved Built-up Area: 1
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.)	1.0 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: 09-10-2018
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	7500000


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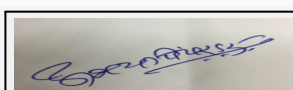
22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable
23.Number of tenants and shops	Not applicable		
24.Number of expected residents / users	Not applicable		
25.Tenant density per hectare	Not applicable		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	0		
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	589.5	589.5

32.Total Water Requirement



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Dry season:	Source of water	Private Water Tankar
	Fresh water (CMD):	8.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	8.0
	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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	0.7	0.7	0	0.2	0.2	0	0.5	0.5
Industrial Process	0	5	5	0	5	5	0	0	0
Gardening	0	2.3	2.3	0	2.3	2.3	0	0	0
Fresh water requirement	0	8.0	8.0	0	8.0	8.0	0	0.5	0.5



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34.Rain Water Harvesting (RWH)	Level of the Ground water table:	verage water level of the project area in monsoon period is 120 m and 130 m in summer season.
	Size and no of RWH tank(s) and Quantity:	0
	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 NOT APPLICABLE
	Quantity of storm water:	NOT APPLICABLE
	Size of SWD:	NOT APPLICABLE
Sewage and Waste water	Sewage generation in KLD:	0.4
	STP technology:	NOT APPLICABLE
	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:	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


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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 will be used as a manure for gardening
	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 Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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

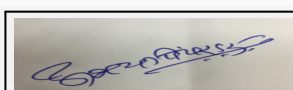
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

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	80 Lit/Day	80 Lit/Day
41. Source of Fuel		Near By Fuel Station		
42. Mode of Transportation of fuel to site		3300		



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43.Green Belt Development	Total RG area :	0
	No of trees to be cut :	0
	Number of trees to be planted :	400
	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	80	.
2	Mahua longifolia	Moha	75	.
3	Azadirachta indica	Kadulimb	100	.
4	Tectona grandis	Sag	50	.
5	Terminalia bellirica	Behada	20	.
6	Phyllanthus emblica	Amla	25	.
7	Ficus benghalensis	Kavath	50	.


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



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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
NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

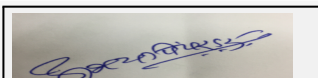
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NOT APPLICABLE
	O & M cost:	NOT APPLICABLE

51. Environmental Management plan Budgetary Allocation**a) Construction phase (with Break-up):**

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Waste Water	Not Applicable	SEPTIC TANK FOLLOWED BY SOAK PITS
2	Dust during material handling	NOT APPLICABLE	Water sprinkling on Haul roads and Green Belt Development
3	Noise	NOT APPLICABLE	Appropriate PPE's will be provides to workers, Green belt development
4	Solid Waste	NOT APPLICABLE	The top soil will be used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit
5	Storm Water	NOT APPLICABLE	Garland drains will be provided to maintain proper drainage of Storm water

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	2.0	0.5
2	Noise Pollution Control	Preventive Maintenance of all heavy machineries, Appropriate PPE's will be provides to workers	1.5	0.25
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.0	0.15



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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	0.90	0.10
5	Environmental Monitoring Programme	Regular Monitoring for ambient air, noise, surface water, ground water	0.15	0.10

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

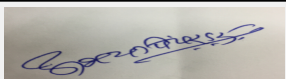
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

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


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 175th - Day 1 Meeting Date: January 14, 2020

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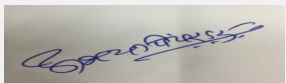

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

	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

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 175th - Day 1 Meeting Date: January 14, 2020	Page 56 of 77	Signature:  Name: Dr. Umakant Dangat Dr. Umakant Dangat (Chairman SEAC-I)
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PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was earlier considered in the 170th meeting held on 23.10.2019 wherein PP requested to postpone the case.

DECISION OF SEAC

PP requested to postpone the case.

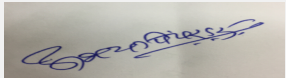
Hence, deferred

Specific Conditions by SEAC:

FINAL RECOMMENDATION

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

SEAC-AGENDA-0000000384


Abhay Pimparkar (Secretary
SEAC-I)

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Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

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

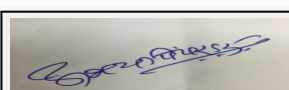
SEAC Meeting number: 175th - Day 1 Meeting Date January 14, 2020

Subject: Environment Clearance for Stone Quarry Minor Mineral Mining Project (3.25 Ha. for mining activity) of M/s. Gokul Dattatray Shinde Gat No- 6/3/A/1 (Part) A/P Dahitane Tal. Akkalkot Dist. Solapur(M.S.)@ 57449 TPA

Is a Violation Case: No

1.Name of Project	M/s. Gokul Dattatray Shinde Gat No- 6/3/A/1 (Part) A/P Dahitane Tal. Akkalkot Dist. Solapur(M.S.)
2.Type of institution	Private
3.Name of Project Proponent	Gokul Dattatray Shinde
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	Gat No- 6/3/A/1 (Part)
9.Taluka	Akkalkot
10.Village	Dahitane
Correspondence Name:	Gokul Dattatray Shinde
Room Number:	Not applicable
Floor:	Not applicable
Building Name:	Not applicable
Road/Street Name:	Not applicable
Locality:	Not applicable
City:	Not applicable
11.Whether in Corporation / Municipal / other area	Grampanchayat Dahitane
12.IOD/IOA/Concession/Plan Approval Number	Mining Plan AND GRAMPANCHAYAT NOC IOD/IOA/Concession/Plan Approval Number: MIN-Adm/599/2019/848 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.)	3.25 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: 15-07-2019
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	20000000

22.Number of buildings & its configuration



Abhay Pimparkar (Secretary SEAC-I)

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Dr. Umakant Dangat (Chairman SEAC-I)

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	4787	4787
32.Total Water Requirement				


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 Name: Dr. Umakant Dangat
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Dry season:	Source of water	Not applicable
	Fresh water (CMD):	14
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	14
	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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1.5	1.5	0	0.5	0.5	0	1	1
Industrial Process	0	7.5	7.5	0	7.5	7.5	0	0	0
Gardening	0	5	5	0	5	5	0	0	0
Fresh water requirement	0	14	14	0	14	14	0	0	0



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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:	1
	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


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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 Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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

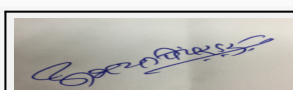
39. Stacks emission Details

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	200 TO 300 lit/day	200 TO 300 lit/day


41. Source of Fuel	NEAR BY FUEL STATION
42. Mode of Transportation of fuel to site	BY Road



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43.Green Belt Development	Total RG area :	10725 sqm
	No of trees to be cut :	0
	Number of trees to be planted :	15000
	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	250	.
2	Mahua longifolia	Moha	200	.
3	Azadirachta indica	Kadulimb	250	.
4	Tectona grandis	Sag	200	.
5	Terminalia bellirica	Behada	200	.
6	Phyllanthus emblica	Amla	200	.
7	Ficus benghalensis	Kavath	200	.


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


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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

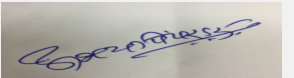
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not applicable
	O & M cost:	Not applicable

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	3.0	1.0
2	Noise Pollution Control	Preventive Maintenance of all heavy machineries, Appropriate PPE's will be provides to workers	2.5	0.30
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.5	0.30



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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	1.3	0.40
5	Environmental Monitoring Programme	Regular Monitoring for ambient air, noise, surface water, ground water	0.2	0.20

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

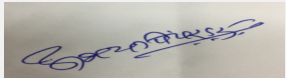
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

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


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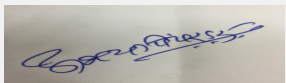

Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

	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

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 175th - Day 1 Meeting Date: January 14, 2020	Page 66 of 77	Signature:  Name: Dr. Umakant Gangotree Dangat Dr. Umakant Dangat (Chairman SEAC-I)
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PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was earlier considered in the 170th meeting held on 23.10.2019 wherein PP requested 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.

SEAC-AGENDA-0000000384


Abhay Pimparkar (Secretary
SEAC-I)

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Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)


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

SEAC Meeting number: 175th - Day 1 Meeting Date January 14, 2020

Subject: Environment Clearance for Environment Clearance for "Shri Dnyandev Kisan Ranjane", proposed project of Mining Of Stone(Basalt) Quarry at Gut No. 413 & 431 Part, Village- Ambeghar Tarf Medha, Tehsil- Javali, District- Satara, Maharashtra.


Is a Violation Case: No

1.Name of Project	"Shri Dnyandev Kisan Ranjane"
2.Type of institution	Private
3.Name of Project Proponent	Mr. : Shri Dnyandev Kisan Ranjane Address : Tulshet Pada. 1/1 Shivneri Sadan, Patkar Compound, Gavdevi Road, Bhandup west, Mumbai - 400078, Maharashtra. Mob No : 7588561159 Mail Id : d.ranjane@gmail.com
4.Name of Consultant	Goldfinch Engineering System Private Limited Plot No. A-288, Road No. 16 Z, Opp. Agriculture Office Bus-stop, Thane Industrial Area, MIDC (Wagle Estate), Thane (W) - 400604, Maharashtra, India. PH: 91-22-25801529/21/46 Accreditation No : NABET/EIA/1518/RA0066
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	Gut No. 413 & 431 Part, Village- Ambeghar Tarf Medha, Tehsil- Javali, District- Satara, Maharashtra
9.Taluka	Javali
10.Village	Ambeghar Tarf Medha
Correspondence Name:	Mr. Dnyandev Kisan Ranjane
Room Number:	---
Floor:	---
Building Name:	Bhakti Bangla
Road/Street Name:	Mahadare Road , Satara Dare BK.
Locality:	Keskar Colony,
City:	Satara City.
11.Whether in Corporation / Municipal / other area	Other Area
12.IOD/IOA/Concession/Plan Approval Number	Not Applicable IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval Number: NO. MIN - Adm/695/2019/854 Approved Built-up Area: 0.00
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Approved Mining Plan from Deputy Director, Directorate of Geology & Mining, Govt. of Maharashtra, Kolhapur.
15.Total Plot Area (sq. m.)	1.00 Ha
16.Deductions	Not applicable
17.Net Plot area	1.00 Ha
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.): 0.00
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: 17-07-2019
19.Total ground coverage (m2)	Not applicable


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**Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)**

20. Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21. Estimated cost of the project	100000000

22. Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	1 Small Office	Ground	NA
23. Number of tenants and shops	NA		
24. Number of expected residents / users	Not applicable		
25. Tenant density per hectare	Not applicable		
26. Height of the building(s)			
27. Right of way (Width of the road from the nearest fire station to the proposed building(s))	NA		
28. Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 mt.		
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	Basalt Rock	NA	76414	3,82,070

32. Total Water Requirement

Dry season:	Source of water	Water tanker
	Fresh water (CMD):	6.00
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	6.00
	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	Water tanker
	Fresh water (CMD):	3.00
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	3.00
	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	NA	NA	NA	NA	NA	NA	NA	NA	NA



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Signature: 
 Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	5 to 12 m BGL
	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 :	NA
35.Storm water drainage	Natural water drainage pattern:	Garland Drainage
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	Sewage generation in KLD:	NA
	STP technology:	NA
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	Not Applicable
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Overburden Soil or Murrum
	Disposal of the construction waste debris:	Overburden soil or Murrum will be used for plantation
Waste generation in the operation Phase:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable


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Mode of Disposal of waste:	Dry waste:	Not Applicable
	Wet waste:	Not Applicable
	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):	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not Applicable
	O & M cost:	Not Applicable

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	NA	NA	NA	NA

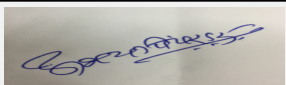
39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	NA	NA	NA	NA	NA	NA

40. Details of Fuel to be used


Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	NA	NA	NA

41. Source of Fuel	Authorized vendor
42. Mode of Transportation of fuel to site	By road


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43.Green Belt Development	Total RG area :	0.2988
	No of trees to be cut :	NA
	Number of trees to be planted :	330
	List of proposed native trees :	As Per MPCB Guidelines
	Timeline for completion of plantation :	As Per MPCB Guidelines

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	Tamarindus indica	Chinch	66	Indigenous Species, Medicinal Value
2	Syzygium cumini	Jambul	66	Indigenous Species, Medicinal Value
3	Mimusops elengi	Bakul	66	Indigenous Species
4	Banyan	Wad	66	Indigenous Species
5	Indian rosewood	Shisam	66	Indigenous Species, Medicinal Value


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)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
Details of high tension line passing through the plot if any:	NO	


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48. Energy saving by non-conventional method:

Standard Cables & Equipments will be used and timely maintenance will be 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
Drilling & Blasting	NA	Water Sprinklers

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	NA	NA	NA

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Dust, SPM	Dust and SPM generated in minor quantity. Water sprinklers will be used for dust suppression	5.00	1.00

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

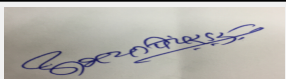
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA

52. Any Other Information

No Information Available

53. Traffic Management


Nos. of the junction to the main road & design of confluence:	Not Applicable as it is a B2 category Stone Mining Project
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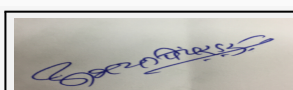
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Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	No
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	No
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS


Environmental Impacts of the project	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
Water Budget	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
Drainage pattern of the project	PP not to obstruct any natural stream the garland drains shall be designed considering the contour levels on site so as to reach rain water to the mined pit or to the natural course exists on site.
Ground water parameters	No ground water withdrawal is permitted in the proposed mine area.



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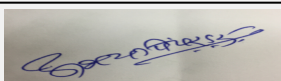
Solid Waste Management	PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area.
Air Quality & Noise Level issues	PP proposes to construct pakka approach road, water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
Energy Management	The demand for energy will be 5HP which will be supplied by MSEDCL.
Traffic circulation system and risk assessment	PP to provide adequate load bearing capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

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.

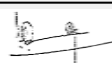
The proposal was considered in the 170th meeting wherein the proposla was deferred till submission of compliance of following points.The proposal was again considerd in the 174th meting wherein PP remained absent.

DECISION OF SEAC


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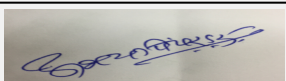
After detailed deliberations with the PP and their consultant, SEAC-1 decided to recommend the proposal to the SEIAA for prior Enviornemntal Clearance subject to the follwing consitions.

Specific Conditions by SEAC:

- 1) DMO to demarcate the lease area and 7.5 meter wide safety zone on the periphery of the proposed area before taking any effective steps on site.
- 2) PP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pits will be created as water reservoirs with all necessary safety provisions.
- 3) PP to appoint qualified fore man as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.
- 4) PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident. PP to plant trees along the road.
- 5) PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
- 6) PP to provide First Aid facility at the proposed mining site.
- 7) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
- 8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
- 9) The mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
- 10) PP along with revenue and forest department shall conduct a joint tree survey and if any trees needs to be cut PP shall ensure compensatory afforestation is to be done as per prevailing rules with the help of Forest Department. PP to transplant the trees to be cut within the non-mine area of the proposed plot.
- 11) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
- 12) PP to ensure that no mining shall be done below the depth as approved in the mining plan.
- 13) PP to ensure that, the quarrying is proposed above the level of aquifer to avoid the ground water contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water.
- 14) PP to ensure no stream is diverted due to proposed quarrying activity.
- 15) PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.
- 16) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
- 17) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.
- 18) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter.
- 19) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
- 20) PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
- 21) PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.
- 22) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
- 23) The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 24) PP to implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
- 25) PP to submit undertaking for not having any Eco sensitive area within 5 km of the proposed mine area.

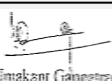
FINAL RECOMMENDATION

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


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