Discussion Item 2: M/s Monomer Chemical Industries Limited

The proposal was earlier considered in the 167th A meeting of SEAC-1 held on 30.07.2019 and the PP was directed to submit details of process flow/process description, pollution potential involved in the process and its mitigation measures along with a certificate/clarification from the reputed Government institute dealing with Chemical Technology/Chemical Research like ICT/NCL etc. with respect to the proposed processes whether they involve any synthesis of organic chemicals as stipulated in the category 5(f) of the Schedule attached to the EIA Notification, 2006.

However, PP has not submitted clarification as mentioned above, Hence, SEAC-1 decided to defer the proposal.

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

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

Is a Violation Case: No

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

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

22.Number of buildings & its configuration

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

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

31.Production Details

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

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

32.Total Water Requirement

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

33.Details of Total water consumed

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

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	NA
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	Industry Premises
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	Not Applicable
35.Storm water drainage	**Natural water drainage pattern:**	NA
	Quantity of storm water:	2000 lit/second
	Size of SWD:	350 mm X 500 mm
Sewage and Waste water	**Sewage generation in KLD:**	50
	STP technology:	Sewage will be send to ETP. No STP required.
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Minor quantity of construction debris will be generating during project expansion.
	Disposal of the construction waste debris:	Construction waste will be disposed off as per Construction and Demolition Rules, 2016.
Waste generation in the operation Phase:	**Dry waste:**	Non hazards Waste Qty Cartoon boxes and paper scrap, waste packing materials. 2 TPY Polyethylene bags scrap 18 TPY MS / Metal scrap material 6 TPY Wooden scrap 3 TPY Fly Ash 360 TPY
	Wet waste:	Not Applicable
	Hazardous waste:	No Type of Waste Category Quantity Disposal mode Hazardous waste (Existing) 1 Distillation residue 20.3 200 kg/M CHWTSDF 2 ETP sludge 34.3 100 kg/M CHWTSDF Hazardous waste (Proposed additional) 1 Distillation residue 20.3 14 TPM CHWTSDF 2 ETP sludge 34.3 25 TPM CHWTSDF 3 Filter and filter material which have organic liquid 35.1 1TPM CHWTSDF 4 Discarded barrels, containers, liners 33.3 5000 No/Y Sale to authorized recycler/CHWTSDF 5 Date expired discarded and off specification drugs / products
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

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

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	NA	4-10	7.5 to 8.0	7.5 to 8.0
2	Total Suspended Solids	mg/l	4500-5000	< 100	< 100
3	Total Dissolved Solids	mg/l	4000-4500	< 2100	< 2100
4	Chemical Oxygen Demand	mg/l	3000-4500	< 250	< 250
5	Biological oxygen demand	mg/l	900-1400	< 100	< 100
6	Oil and grease	mg/l	110-125	< 10	< 10

Amount of effluent generation (CMD):	Domestic effluent: 50cmd& Trade effluent: 206cmd
Capacity of the ETP:	25 CMD
Amount of treated effluent recycled :	The treated effluent water shall be recycling and partly shall be sent to CET
Amount of water send to the CETP:	256 CMD
Membership of CETP (if require):	Unit is already member of Lote- Parshuram CETP.
Note on ETP technology to be used	Please refer pre-feasibility report.
Disposal of the ETP sludge	ETP sludge will be disposed off in CHWTSDF.

38.Hazardous Waste Details

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

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

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

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

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

21	Nyctanthus arbor-tristis	Parijatak	As per green belt development	Fast Growing, Deciduous, Oblong/ Round
22	Psidium guava	Guava tree	As per green belt development	Fast Growing, Evergreen, Oblong
23	Calycopteris floribunda	Ukshi	As per green belt development	Fast Growing, Evergreen, Spreading
45.Total quantity of plants on ground				

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

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

47.Energy

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

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

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

Solid & Hazardous waste	Disposal to CHWTSDF, Authorized recycler	Disposal to CHWTSDF, Authorized recycler

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

b) Operation Phase (with Break-up):

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

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

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 Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Stone Quarry mining at Village: Khairgaon Bk, Tal: Kelapur, Dist: Yavatmal.

Is a Violation Case: No

1.Name of Project	Khairgaon Bk Stone Quarry at Village: Khairgaon Bk, Tal: Kelapur, Dist: Yavatmal.
2.Type of institution	Private
3.Name of Project Proponent	Shri. Aftab Arif Sheikh
4.Name of Consultant	JV Analytical Services
5.Type of project	Stone Quarry Mining
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	No
8.Location of the project	Gut No. 43/1, Village: Khairgaon Bk, Tal: Kelapur, Dist: Yavatmal.
9.Taluka	Kelapur
10.Village	Khairgaon Bk,
Correspondence Name:	Shri. Aftab Arif Sheikh
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	At/ Post : Pandharkawada, Tal: Kelapur, Dist : Yawatmal
City:	Yavatmal.
11.Whether in Corporation / Municipal / other area	Grampanchayat Khairgaon Bk
12.IOD/IOA/Concession/Plan Approval Number	-
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval no. MA/MP/170 III/2018-19/669
	Approved Built-up Area: 12000
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.)	1.20 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.): 12000
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: 11-06-2019
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	5000000

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	Basalt Stone	NA	5625	5625

32.Total Water Requirement

Dry season:	**Source of water**	Tanker water
	Fresh water (CMD):	5.30
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.30 M3/day
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	-	0.3	0.3	-	0.03	0.03	-	0.27	0.27
Gardening	-	2.50	2.50	-	2.50	2.50	-	-	-

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	60 Meter
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable

35.Storm water drainage	**Natural water drainage pattern:**	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.27 KLD
	STP technology:	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):	100000
	Budgetary allocation (O & M cost):	10000

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden soil or Murrum will be used for plantation
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	**Dry waste:**	Overburden will be backfilled in the mine pit.
	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
Mode of Disposal of waste:	**Dry waste:**	Overburden will be backfilled in the mine pit.
	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

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)

1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Amount of effluent generation (CMD):	Not applicable
Capacity of the ETP:	Not applicable
Amount of treated effluent recycled :	Not applicable
Amount of water send to the CETP:	Not applicable
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Not applicable
Disposal of the ETP sludge	Not applicable

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41.Source of Fuel	Not applicable
42.Mode of Transportation of fuel to site	Not applicable

43.Green Belt Development	**Total RG area :**	0.335 Ha
	No of trees to be cut :	No trees will be cut
	Number of trees to be planted :	500
	List of proposed native trees :	Attached below
	Timeline for completion of plantation :	2 Year

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadicrta indica	Neem	32	Medicinal value, To control soil erosion.
2	Syzygium cumini	Jambhul	36	Medicinal value, Edible fruit.
3	Tamarindus indica	Tamrind	30	Medicinal plants,Fruit an important condiment in Indian cuisine, tolerates drought

4	Pongia Pinnata	Karanj	32	Karanja is a medium-sized evergreen or briefly deciduous tree, Karanja trees have been used for soil reclamation
5	Ficus Recemosa	Umber	28	Medicinal value, Edible fruits, Bird attracting species
6	Ficus relegiosa	Pimpal	30	The fruits, leaves, bark and even the latex are used to prepare herbal remedies, Ficus religiosa is tolerant to various climate zones
7	Termanilia arjuna	Arjun	27	Medicinal value, helping to reduce soil erosion
8	Magnifera indica	Amba	30	Edible fruits, varied medicinal properties are attributed to different parts of mango tree.
9	Dalbergia sissoo	Shisam	30	Medicinal value, Bird attracting species
10	Eucalyptus Spp	Nilgiri	35	Nilgiri oil is useful in many pharmaceutical preparations, flavouring of cough lozenges, mouth gargles, toothpastes, perfumes, repellents against mosquitoes, vermins, germicides etc.
11	Samanea saman	Rain tree	32	A multipurpose tree
12	Tectona grandis	Sagvan	30	Teak is a large, long, deciduous tree
13	Leucaenaleuco cephala	Subabhul	30	It is one of the fast growing hardy evergreen species., Because of its strong and deep root system, the tree is highly drought resistant.
14	Cassia fistula	Bahava	27	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
15	Delonix regia	Gulmohor	32	Gulmohar is an ornament plant
16	Ficus benghalensis	Vad	34	largest trees by canopy coverage, The figs produced by the tree are eaten by birds
17	Total	-	500	-
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)	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:	No high tension line passing through the plot

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
Air Pollution	NA	A thick green belt will be maintained around the lease area and on both sides of the haul roads
Noise pollution	NA	A thick green belt will be maintained around the lease area and on both sides of the haul roads. Appropriate PPE's like ear muffs and ear plugs will be provided to workers exposed to high frequency noise
Solid Waste management	NA	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.
Sewage water	NA	Septic tank followed by soak pit will be provided.

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	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	Approach roads to mines and service roads are provided with black topping to reduce dust generation, Sprinkling of water on quarry and haul roads	0.70	0.10
2	Noise pollution	Thick green belt development, Provide PPE to workers	0.30	0.05
3	Solid Waste Management	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.	0.30	0.05
4	Sewage Pollution Control	Septic tank followed by soak pit will be provided	0.90	0.10
5	Occupational Health	Personal Protective Equipment for workers	0.30	0.05
6	Environmental Monitoring	Environmental Monitoring	-	0.50
7	Total	-	2.50	0.85

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

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

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:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Tadoba Andhari Tiger reserve 61.11 Km towards North East Direction
	Category as per schedule of EIA Notification sheet	1 (a) Category B2
	Court cases pending if any	No
	Other Relevant Informations	Pillar Latitude Longitude R.L(mt) BP-1 20°04'03.81"N 78° 33'34.28"E 273.25 BP-1 20°04'06.15"N 78° 33'35.53"E 275.22 BP-1 20°04'03.07"N 78° 33'40.16"E 277.39 BP-1 20°04'01.14"N 78° 33'39.23"E 276.46
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

During deliberations, it was observed that, District survey Report is not available. Also the copies of docuemnt submitted by PP was not legible.

In view of above, SEAC- decided to defer the proposal till PP submits copy of District Survey Report and compliance of following points.

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Stone Quarry mining at Village: Hartale, Tal: Muktainagar, Dist: Jalgaon.

Is a Violation Case: No

1.Name of Project	Hartale Stone Quarry at Village: Hartale, Ta: Muktainagar, Dist: Jalgaon.
2.Type of institution	Private
3.Name of Project Proponent	Shri. Madhukar Ramchandra Rane , Mrs. Sidhubai Kisan Rane, Shri. Hariom Shaligram Jaiswal, Mrs.Trupti Tushar Rane
4.Name of Consultant	JV Analytical Services
5.Type of project	Stone Quarry Mining
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	No
8.Location of the project	Gut No. 278/3 (Part), Village: Hartale, Ta: Muktainagar, Dist: Jalgaon.
9.Taluka	Muktainagar
10.Village	Hartale
Correspondence Name:	Shri. Madhukar Ramchandra Rane
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	Jalgaon
City:	Jalgaon
11.Whether in Corporation / Municipal / other area	Grampanchayat Hartale
12.IOD/IOA/Concession/Plan Approval Number	-
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval no. STC-06 (Mining Plan) /2018/602
	Approved Built-up Area: 38600
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.)	3.86 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.): 38600
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: 20-11-2018
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	6700000

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	Basalt Stone	NA	28125	28125

32.Total Water Requirement

Dry season:	**Source of water**	Tanker water
	Fresh water (CMD):	9.40
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	9.40 M3/day
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	-	0.4	0.4	-	0.04	0.04	-	0.36	0.36
Gardening	-	5.00	5.00	-	5.00	5.00	-	-	-

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	40 Meter
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable

35.Storm water drainage	**Natural water drainage pattern:**	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.36 KLD
	STP technology:	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):	100000
	Budgetary allocation (O & M cost):	10000

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden soil or Murrum will be used for plantation
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	**Dry waste:**	Overburden will be backfilled in the mine pit.
	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
Mode of Disposal of waste:	**Dry waste:**	Overburden will be backfilled in the mine pit.
	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

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)

1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Amount of effluent generation (CMD):	Not applicable
Capacity of the ETP:	Not applicable
Amount of treated effluent recycled :	Not applicable
Amount of water send to the CETP:	Not applicable
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Not applicable
Disposal of the ETP sludge	Not applicable

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41.Source of Fuel	Not applicable
42.Mode of Transportation of fuel to site	Not applicable

43.Green Belt Development	**Total RG area :**	0.674 Ha
	No of trees to be cut :	No trees will be cut
	Number of trees to be planted :	1000
	List of proposed native trees :	Attached below
	Timeline for completion of plantation :	2 Year

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadicrta indica	Neem	65	Medicinal value, To control soil erosion.
2	Syzygium cumini	Jambhul	68	Medicinal value, Edible fruit.
3	Tamarindus indica	Tamrind	60	Medicinal plants,Fruit an important condiment in Indian cuisine, tolerates drought

4	Pongia Pinnata	Karanj	64	Karanja is a medium-sized evergreen or briefly deciduous tree, Karanja trees have been used for soil reclamation
5	Ficus Recemosa	Umber	56	Medicinal value, Edible fruits, Bird attracting species
6	Ficus relegiosa	Pimpal	60	The fruits, leaves, bark and even the latex are used to prepare herbal remedies, Ficus religiosa is tolerant to various climate zones
7	Termanilia arjuna	Arjun	64	Medicinal value, helping to reduce soil erosion
8	Magnifera indica	Amba	60	Edible fruits, varied medicinal properties are attributed to different parts of mango tree.
9	Dalbergia sissoo	Shisam	70	Medicinal value, Bird attracting species
10	Eucalyptus Spp	Nilgiri	70	Nilgiri oil is useful in many pharmaceutical preparations, flavouring of cough lozenges, mouth gargles, toothpastes, perfumes, repellents against mosquitoes, vermins, germicides etc.
11	Samanea saman	Rain tree	64	A multipurpose tree
12	Tectona grandis	Sagvan	60	Teak is a large, long, deciduous tree
13	Leucaenaleuco cephala	Subabhul	60	It is one of the fast growing hardy evergreen species., Because of its strong and deep root system, the tree is highly drought resistant.
14	Cassia fistula	Bahava	54	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
15	Delonix regia	Gulmohor	65	Gulmohar is an ornament plant
16	Ficus benghalensis	Vad	60	largest trees by canopy coverage, The figs produced by the tree are eaten by birds
17	Total	-	1000	-
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)	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:	No high tension line passing through the plot

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
Air Pollution	NA	A thick green belt will be maintained around the lease area and on both sides of the haul roads
Noise pollution	NA	A thick green belt will be maintained around the lease area and on both sides of the haul roads. Appropriate PPE's like ear muffs and ear plugs will be provided to workers exposed to high frequency noise
Solid Waste management	NA	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.
Sewage water	NA	Septic tank followed by soak pit will be provided.

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	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	Approach roads to mines and service roads are provided with black topping to reduce dust generation, Sprinkling of water on quarry and haul roads	0.80	0.10
2	Noise pollution	Thick green belt development, Provide PPE to workers	0.40	0.05
3	Solid Waste Management	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.	0.40	0.05
4	Sewage Pollution Control	Septic tank followed by soak pit will be provided	1.00	0.10
5	Occupational Health	Personal Protective Equipment for workers	0.40	0.05
6	Environmental Monitoring	Environmental Monitoring	-	0.50
7	Total	-	3.00	0.85

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

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

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:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Gautala Wildlife Sanctuary 96.73 km towards SW direction
	Category as per schedule of EIA Notification sheet	1 (a) Category B2
	Court cases pending if any	No
	Other Relevant Informations	Pillar Latitude Longitude R.L(mt) BP-1 20°59'55.33"N 76° 00'26.86"E 279.03 BP-1 20°59'54.82"N 76° 00'31.86"E 278.57 BP-1 20°59'44.58"N 76° 00'32.57"E 277.90 BP-4 20°59'44.90"N 76° 00'29.01"E 276.89 BP-5 20°59'50.19"N 76° 00'28.85"E 275.65 BP-6 20°59'50.28"N 76° 00'27.06"E 272.68
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

During deliberations, it was observed that, District survey Report is not available.

In view of above, SEAC- decided to defer the proposal till PP submits copy of District Survey Report and compliance of following points.

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

Subject: Environment Clearance for Stone Quarry mining at Village: Hartale, Tal: Muktainagar, Dist: Jalgaon.

Is a Violation Case: No

1.Name of Project	Hartale Stone Quarry at Village: Hartale, Ta: Muktainagar, Dist: Jalgaon.
2.Type of institution	Private
3.Name of Project Proponent	Shri. Hariom Shaligram Jaiswal.
4.Name of Consultant	JV Analytical Services
5.Type of project	Stone Quarry Mining
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	No
8.Location of the project	Gut No. 145/2/2 (Part), Village: Hartale, Ta: Muktainagar, Dist: Jalgaon.
9.Taluka	Muktainagar
10.Village	Hartale
Correspondence Name:	Shri. Hariom Shaligram Jaiswal.
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	Village : Bodwad, Taluka : Bodwad
City:	Jalgaon
11.Whether in Corporation / Municipal / other area	Grampanchayat Hartale
12.IOD/IOA/Concession/Plan Approval Number	-
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval no. STC-06 (Mining Plan) /2018/598
	Approved Built-up Area: 11700
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.)	1.17 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.): 11700
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: 15-11-2018
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	5500000

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	Basalt Stone	NA	4500	4500

32.Total Water Requirement

Dry season:	**Source of water**	Tanker water
	Fresh water (CMD):	5.30
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.30 M3/day
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

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

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	-	0.3	0.3	-	0.03	0.03	-	0.27	0.27
Gardening	-	2.50	2.50	-	2.50	2.50	-	-	-

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	40 Meter
	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:**	The run-off will be maintained by providing garland drains around the quarry boundary to maintain the natural pattern.
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.27 KLD
	STP technology:	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):	100000
	Budgetary allocation (O & M cost):	10000

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden soil or Murrum will be used for plantation
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	**Dry waste:**	Overburden will be backfilled in the mine pit.
	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
Mode of Disposal of waste:	**Dry waste:**	Overburden will be backfilled in the mine pit.
	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

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)

1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Amount of effluent generation (CMD):	Not applicable
Capacity of the ETP:	Not applicable
Amount of treated effluent recycled :	Not applicable
Amount of water send to the CETP:	Not applicable
Membership of CETP (if require):	Not applicable
Note on ETP technology to be used	Not applicable
Disposal of the ETP sludge	Not applicable

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable

41.Source of Fuel	Not applicable
42.Mode of Transportation of fuel to site	Not applicable

43.Green Belt Development	**Total RG area :**	0.332 Ha
	No of trees to be cut :	No trees will be cut
	Number of trees to be planted :	500
	List of proposed native trees :	Attached below
	Timeline for completion of plantation :	2 Year

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadicrta indica	Neem	32	Medicinal value, To control soil erosion.
2	Syzygium cumini	Jambhul	36	Medicinal value, Edible fruit.
3	Tamarindus indica	Tamrind	30	Medicinal plants,Fruit an important condiment in Indian cuisine, tolerates drought

4	Pongia Pinnata	Karanj	32	Karanja is a medium-sized evergreen or briefly deciduous tree, Karanja trees have been used for soil reclamation
5	Ficus Recemosa	Umber	28	Medicinal value, Edible fruits, Bird attracting species
6	Ficus relegiosa	Pimpal	30	The fruits, leaves, bark and even the latex are used to prepare herbal remedies, Ficus religiosa is tolerant to various climate zones
7	Termanilia arjuna	Arjun	27	Medicinal value, helping to reduce soil erosion
8	Magnifera indica	Amba	30	Edible fruits, varied medicinal properties are attributed to different parts of mango tree.
9	Dalbergia sissoo	Shisam	35	Medicinal value, Bird attracting species
10	Eucalyptus Spp	Nilgiri	35	Nilgiri oil is useful in many pharmaceutical preparations, flavouring of cough lozenges, mouth gargles, toothpastes, perfumes, repellents against mosquitoes, vermins, germicides etc.
11	Samanea saman	Rain tree	32	A multipurpose tree
12	Tectona grandis	Sagvan	30	Teak is a large, long, deciduous tree
13	Leucaenaleuco cephala	Subabhul	30	It is one of the fast growing hardy evergreen species., Because of its strong and deep root system, the tree is highly drought resistant.
14	Cassia fistula	Bahava	27	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
15	Delonix regia	Gulmohor	32	Gulmohar is an ornament plant
16	Ficus benghalensis	Vad	34	largest trees by canopy coverage, The figs produced by the tree are eaten by birds
17	Total	-	500	-
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)	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:	No high tension line passing through the plot

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
Air Pollution	NA	A thick green belt will be maintained around the lease area and on both sides of the haul roads
Noise pollution	NA	A thick green belt will be maintained around the lease area and on both sides of the haul roads. Appropriate PPE's like ear muffs and ear plugs will be provided to workers exposed to high frequency noise
Solid Waste management	NA	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.
Sewage water	NA	Septic tank followed by soak pit will be provided.

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	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	Approach roads to mines and service roads are provided with black topping to reduce dust generation, Sprinkling of water on quarry and haul roads	0.60	0.10
2	Noise pollution	Thick green belt development, Provide PPE to workers	0.30	0.05
3	Solid Waste Management	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.	0.30	0.05
4	Sewage Pollution Control	Septic tank followed by soak pit will be provided	1.00	0.10
5	Occupational Health	Personal Protective Equipment for workers	0.30	0.05
6	Environmental Monitoring	Environmental Monitoring	-	0.50
7	Total	-	2.50	0.85

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

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

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:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Gautala Wildlife Sanctuary 102.09 km towards South West direction
	Category as per schedule of EIA Notification sheet	1 (a) Category B2
	Court cases pending if any	No
	Other Relevant Informations	Latitude Longitude R.L (meter) N 20° 59' 28.00" E 76° 03' 05.75" 295.64 N 20° 59' 27.88" E 76° 03' 08.45" 294.83 N 20° 59' 23.33" E 76° 03' 08.04" 298.37 N 20° 59' 22.24" E 76° 03' 05.59" 299.30
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

During deliberations, it was observed that, District survey Report is not available.

In view of above, SEAC- decided to defer the proposal till PP submits copy of District Survey Report and compliance of following points.

Specific Conditions by SEAC:

1) A copy of the document in support of the fact that the Proponent is the rightful lessee of the mine should be given.
2) PP to ensure that the name of project proponent on the records of District Survey Report, Approved Mining Plan, Ownership document and Environment Clearance Application are same.
3) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
4) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
5) PP to submit proposed quarry area measurement map prepared by the District Superintendent of Land Records.
6) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Additional Collector.
7) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
8) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
9) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
10) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
11) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
12) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
13) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

Subject: Environment Clearance for Stone Quarry of Shri. Mohd. Raza Bashir Patel at Village: Borgaon (J), Tal : Saoner, Dist: Nagpur, Gat no . 133/2, Area : 1.80 Ha.

Is a Violation Case: No

1.Name of Project	Borgaon (J) Stone Quarry at Village: Borgaon (J), Tal : Saoner, Dist: Nagpur
2.Type of institution	Private
3.Name of Project Proponent	Shri. Mohd. Raza Bashir Patel
4.Name of Consultant	JV Analytical Services
5.Type of project	Stone Quarry Mining
6.New project/expansion in existing project/modernization/diversification in existing project	Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Gut No. 133/2 ,Village: Borgaon (J), Tal : Saoner, Dist: Nagpur
9.Taluka	Saoner
10.Village	Borgaon (J)
Correspondence Name:	Shri. Mohd. Raza Bashir Patel
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	New Mankapur, taluka : Nagpur
City:	Nagpur
11.Whether in Corporation / Municipal / other area	Grampanchayat Borgaon (J)
12.IOD/IOA/Concession/Plan Approval Number	-
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval no. STC/446 /2016-17/1965
	Approved Built-up Area: 18000
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.)	1.80 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.): 18000
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: 31-07-2018
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	5450000

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	Basalt Stone	2000	4921	6921

32.Total Water Requirement

Dry season:	**Source of water**	Tanker water
	Fresh water (CMD):	6.30
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	6.30 M3/day
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	-	0.3	0.3	-	0.03	0.03	-	0.27	0.27
Gardening	-	3.50	3.50	-	3.50	3.50	-	-	-

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	25 Meter
	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:**	The run-off will be maintained by providing garland drains around the quarry boundary to maintain the natural pattern.
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.27 KLD
	STP technology:	Biotoilet proposed adjacent to ML area
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	100000
	Budgetary allocation (O & M cost):	10000

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden soil or Murrum will be used for plantation
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	**Dry waste:**	Overburden will be backfilled in the mine pit.
	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
Mode of Disposal of waste:	**Dry waste:**	Overburden will be backfilled in the mine pit.
	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, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
	Area for the storage of waste & other material:	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		

43.Green Belt Development	**Total RG area :**	0.474 Ha
	No of trees to be cut :	No trees will be cut
	Number of trees to be planted :	700
	List of proposed native trees :	Attached below
	Timeline for completion of plantation :	2 Year

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadicrta indica	Neem	45	Medicinal value, To control soil erosion.
2	Syzygium cumini	Jambhul	40	Medicinal value, Edible fruit.

3	Tamarindus indica	Tamrind	35	Medicinal plants,Fruit an important condiment in Indian cuisine, tolerates drought
4	Pongia Pinnata	Karanj	52	Karanja is a medium-sized evergreen or briefly deciduous tree, Karanja trees have been used for soil reclamation
5	Ficus Recemosa	Umber	38	Medicinal value, Edible fruits, Bird attracting species
6	Ficus relegiosa	Pimpal	36	The fruits, leaves, bark and even the latex are used to prepare herbal remedies, Ficus religiosa is tolerant to various climate zones
7	Termanilia arjuna	Arjun	45	Medicinal value, helping to reduce soil erosion
8	Magnifera indica	Amba	36	Edible fruits, varied medicinal properties are attributed to different parts of mango tree.
9	Dalbergia sissoo	Shisam	50	Medicinal value, Bird attracting species
10	Eucalyptus Spp	Nilgiri	48	Nilgiri oil is useful in many pharmaceutical preparations, flavouring of cough lozenges, mouth gargles, toothpastes, perfumes, repellents against mosquitoes, vermins, germicides etc.
11	Samanea saman	Rain tree	36	A multipurpose tree
12	Tectona grandis	Sagvan	45	Teak is a large, long, deciduous tree
13	Leucaenaleuco cephala	Subabhul	40	It is one of the fast growing hardy evergreen species., Because of its strong and deep root system, the tree is highly drought resistant.
14	Cassia fistula	Bahava	48	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
15	Delonix regia	Gulmohor	56	Gulmohar is an ornament plant
16	Ficus benghalensis	Vad	50	largest trees by canopy coverage, The figs produced by the tree are eaten by birds
17	Total	-	700	-
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)	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:	No high tension line passing through the plot

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
Air Pollution	Green belt is maintained around the lease area	A thick green belt will be maintained around the lease area and on both sides of the haul roads
Noise pollution	Green belt is maintained around the lease area	A thick green belt will be maintained around the lease area and on both sides of the haul roads. Appropriate PPE's like ear muffs and ear plugs will be provided to workers exposed to high frequency noise
Solid Waste management	overburden is backfilled in the pit.	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.
Sewage water	Biotoilets Provided	Biotoilets Provided

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	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	Approach roads to mines and service roads are provided with black topping to reduce dust generation, Sprinkling of water on quarry and haul roads	0.50	0.10
2	Noise pollution	Thick green belt development, Provide PPE to workers	0.30	0.05
3	Solid Waste Management	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.	0.20	0.05
4	Sewage Pollution Control	Septic tank followed by soak pit will be provided	1.00	0.10
5	Occupational Health	Personal Protective Equipment for workers	0.25	0.05
6	Environmental Monitoring	Environmental Monitoring	-	0.50
7	Total	-	2.25	0.85

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

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

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:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Tadoba Tiger reserve 143.42 Km towards SSE Direction, Pench Tiger Reserve 51.52 Km towards NE Direction, Nagzira Wildlife Sanctuary 122.43 km towards SE Direction,
	Category as per schedule of EIA Notification sheet	1 (a) Category B2
	Court cases pending if any	No
	Other Relevant Informations	Sr. No. Latitude Longitude R.L (mt) 1 N 21° 26' 21.51" E 78° 47' 38.59" 420.36 2 N 21 ° 26' 23.32 E 78° 47' 39.74" 414.29 3 N 21 ° 26' 23.34" E 78° 47' 44.23" 409.07 4 N 21 ° 26' 22.80" E 78° 47' 44.24" 411.82 5 N 21 ° 26' 23.20" E 78° 47' 46.15" 411.54 6 N 21°26' 18.21" E78° 47' 44.61" 416.81 7 N 21 ° 26' 20.85" E 78° 47' 41.33" 415.79 8 N 21° 26' 21.43" E 78° 47' 41.68" 415.35
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

During deliberations, PP informed that, they have obtianed lease in the year 2009 valid up to 2014 vide order dated 28.07.2009.

The committee asked PP whether thay continued the quarrying after the expiry of the lease agreement, PP couldnot gave satisfactory answer to the quastion.

Hence, SEAC-1 decided to defer the proposal till detailed innvestigation reprot on the issue is obtianed through concern Additional Collector, Nagpur along with information on the following points.

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Stone Quarry of Shri. Rajesh Rameshpant Kherde at Village: Molvihir, Tal: Warud, Dist: Amravati, Gat no . 50/3 (Part), Area : 4.90 Ha.

Is a Violation Case: No

1.Name of Project	Molvihir Stone Quarry at Village: Molvihir, Tal: Warud, Dist: Amravati.
2.Type of institution	Private
3.Name of Project Proponent	Shri. Rajesh Rameshpant Kherde
4.Name of Consultant	JV Analytical Services
5.Type of project	Stone Quarry Mining
6.New project/expansion in existing project/modernization/diversification in existing project	Existing Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	No
8.Location of the project	Gut No. 50/3 (Part) ,Village: Molvihir, Tal: Warud, Dist: Amravati.
9.Taluka	Warud
10.Village	Molvihir
Correspondence Name:	Shri. Rajesh Rameshpant Kherde
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	At Post : Pusla, Tal: Warud, Dist: Amravati
City:	Amravati
11.Whether in Corporation / Municipal / other area	Grampanchayat Molvihire
12.IOD/IOA/Concession/Plan Approval Number	-
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval no. BON/ MINING/MMP/215/2017/132
	Approved Built-up Area: 49000
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.)	4.90 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.): 49000
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: 07-09-2017
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	7500000

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	Basalt Stone	500	3000	3500

32.Total Water Requirement

Dry season:	**Source of water**	Tanker water
	Fresh water (CMD):	10.2
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	10.2 M3/day
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0.1	0.3	0.4	0.01	0.03	0.04	0.09	0.27	0.36
Gardening	1.90	4.00	5.90	1.90	4.00	5.90	0	0	0
Industrial Process	1.00	3.00	4.00	1.00	3.00	4.00	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	The level of ground water table in the said area is 40 meter
	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:**	The run-off will be maintained by providing garland drains around the quarry boundary to maintain the natural pattern.
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.36 KLD
	STP technology:	Biotoilet proposed adjacent to ML area
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	100000
	Budgetary allocation (O & M cost):	10000
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Overburden soil or Murrum will be used for plantation
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	**Dry waste:**	Overburden will be backfilled in the mine pit.
	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
Mode of Disposal of waste:	**Dry waste:**	Overburden will be backfilled in the mine pit.
	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, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
	Area for the storage of waste & other material:	Not Applicable, being all material is saleable/usable and stock will be temporary in nature within lease hold area.
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not applicable
	O & M cost:	Not applicable
37.Effluent Charecterestics		

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		

43.Green Belt Development	**Total RG area :**	0.790 Ha
	No of trees to be cut :	No trees will be cut
	Number of trees to be planted :	1180
	List of proposed native trees :	Attached below
	Timeline for completion of plantation :	2 Year

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadicrta indica	Neem	120	Medicinal value, To control soil erosion.
2	Syzygium cumini	Jambhul	78	Medicinal value, Edible fruit.

3	Tamarindus indica	Tamrind	75	Medicinal plants,Fruit an important condiment in Indian cuisine, tolerates drought
4	Pongia Pinnata	Karanj	72	Karanja is a medium-sized evergreen or briefly deciduous tree, Karanja trees have been used for soil reclamation
5	Ficus Recemosa	Umber	80	Medicinal value, Edible fruits, Bird attracting species
6	Ficus relegiosa	Pimpal	82	The fruits, leaves, bark and even the latex are used to prepare herbal remedies, Ficus religiosa is tolerant to various climate zones
7	Termanilia arjuna	Arjun	82	Medicinal value, helping to reduce soil erosion
8	Magnifera indica	Amba	85	Edible fruits, varied medicinal properties are attributed to different parts of mango tree.
9	Dalbergia sissoo	Shisam	72	Medicinal value, Bird attracting species
10	Eucalyptus Spp	Nilgiri	86	Nilgiri oil is useful in many pharmaceutical preparations, flavouring of cough lozenges, mouth gargles, toothpastes, perfumes, repellents against mosquitoes, vermins, germicides etc.
11	Samanea saman	Rain tree	77	A multipurpose tree
12	Tectona grandis	Sagvan	82	Teak is a large, long, deciduous tree
13	Leucaenaleuco cephala	Subabhul	74	It is one of the fast growing hardy evergreen species., Because of its strong and deep root system, the tree is highly drought resistant.
14	Cassia fistula	Bahava	85	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
15	Ficus benghalensis	Vad	30	largest trees by canopy coverage, The figs produced by the tree are eaten by birds
16	Total	-	1180	-
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)	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:	No high tension line passing through the plot

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
Air Pollution	Green belt is maintained around the lease area and on both sides of the haul roads, Regular sprinkling of water is done on quarry site	A thick green belt will be maintained around the lease area and on both sides of the haul roads, Regular sprinkling of water is done on quarry site
Noise pollution	Appropriate PPE's are provided the workers.A thick green belt is maintained around the lease area	A thick green belt will be maintained around the lease area and on both sides of the haul roads. Appropriate PPE's like ear muffs and ear plugs will be provided to workers exposed to high frequency noise
Solid Waste management	Overburden and associated waste is used to backfill the mine.	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.
Sewage water	Biotoilets is provided	Biotoilets will be Provided

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	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	Approach roads to mines and service roads are provided with black topping to reduce dust generation, Sprinkling of water on quarry and haul roads	0.80	0.10
2	Noise pollution	Thick green belt development, Provide PPE to workers	0.50	0.05
3	Solid Waste Management	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.	0.40	0.05
4	Sewage Pollution Control	Bio-Toilets will be provided	1.00	0.10
5	Occupational Health	Personal Protective Equipment for workers, first aid box to worker.	0.30	0.05
6	Environmental Monitoring	Environmental Monitoring	-	0.50
7	Total	-	3.00	0.85

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

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

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:	No
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Pench Tiger reserve 70.07 Km towards NE Direction
	Category as per schedule of EIA Notification sheet	1 (a) Category B2
	Court cases pending if any	No
	Other Relevant Informations	Latitude Longitude 21°30'26.42"N 78° 19'54.22"E 21°30'26.75"N 78° 20'01.87"E 21°30'19.87"N 78° 20'01.40"E 21°30'18.83"N 78° 19'57.27"E 21°30'18.94"N 78° 19'53.63"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

District Mining Officer Shri. Sunil Rateke is present for the meeting.

During deliberations, it was obserevd that PP was not having adequate information to present the case.

Hence, SEAC-1 decided to defer the proposal till PP submits compliance of followingpoints.

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

Subject: Environment Clearance for Stone quarry mining of Shree Balaji Stone Udyog at Village : Chinchbaiwadi, Tal : Khed, Dist : Pune, Gat No. 57 (Part) , Area 1.20 Ha.

Is a Violation Case: No

1.Name of Project	Shree Balaji Stone Udyog
2.Type of institution	Private
3.Name of Project Proponent	Shri. Atul Ratnakar Wagh And Shri. Ravindra Haribhau Bhagat
4.Name of Consultant	JV Analytical Services
5.Type of project	Stone Quarry Mining
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	Gat No. 57 (Part), Village : Chinchbaiwadi, Tal : Khed, Dist : Pune
9.Taluka	Khed
10.Village	Chinchbaiwadi
Correspondence Name:	Ravindra Haribhau Bhagat
Room Number:	Flat no.101
Floor:	-
Building Name:	Shubham Plaza
Road/Street Name:	Chnandrabhaga Colony no.4
Locality:	KrishnaNagar, Dighi
City:	Pune
11.Whether in Corporation / Municipal / other area	Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	-
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval Number - MIN-Adm/695/2018/160
	Approved Built-up Area: 12000
13.Note on the initiated work (If applicable)	No
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1.20 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.): 12000
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: 23-01-2018
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	5450000

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	Basalt Stone	NA	4500	4500

32.Total Water Requirement

Dry season:	**Source of water**	Tanker Water
	Fresh water (CMD):	4.455
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4.455 m3/day
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable

Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	NA	0.20	0.20	NA	0.02	0.02	NA	0.18	0.18
Gardening	NA	2.250	2.250	NA	2.250	2.250	NA	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	20 meter
	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 :	Not applicable

35.Storm water drainage	**Natural water drainage pattern:**	The runoff will be maintained by providing garland drains around quarry boundry to maintain the natural pattern.
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.18 KLD
	STP technology:	Biotoilet proposed adjacent to Mining Lease area
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	100000
	Budgetary allocation (O & M cost):	10000
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:**	Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safety barrier.
	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
Mode of Disposal of waste:	**Dry waste:**	Top Soil layer is very thin and negligible and will be utilized for peripheral plantation proposed within safety barrier.
	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		

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

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not applicable	Not applicable	Not applicable	Not applicable
41.Source of Fuel		Not applicable		
42.Mode of Transportation of fuel to site		Not applicable		

43.Green Belt Development	**Total RG area :**	0.3274 Ha
	No of trees to be cut :	No tree will be cut
	Number of trees to be planted :	450
	List of proposed native trees :	Attached
	Timeline for completion of plantation :	2 Year

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Azadicrta indica	Neem	40	Medicinal value, To control soil erosion.
2	Syzygium cumini	Jambhul	30	Medicinal value, Edible fruit.

3	Tamarindus indica	Tamrind	23	Medicinal plants,Fruit an important condiment in Indian cuisine, tolerates drought
4	Pongia Pinnata	Karanj	30	Karanja is a medium-sized evergreen or briefly deciduous tree, Karanja trees have been used for soil reclamation
5	Ficus Recemosa	Umber	20	Medicinal value, Edible fruits, Bird attracting species
6	Ficus relegiosa	Pimpal	25	The fruits, leaves, bark and even the latex are used to prepare herbal remedies, Ficus religiosa is tolerant to various climate zones
7	Termanilia arjuna	Arjun	35	Medicinal value, helping to reduce soil erosion
8	Magnifera indica	Amba	35	Edible fruits, varied medicinal properties are attributed to different parts of mango tree.
9	Dalbergia sissoo	Shisam	22	Medicinal value, Bird attracting species
10	Eucalyptus Spp	Nilgiri	40	Nilgiri oil is useful in many pharmaceutical preparations, flavouring of cough lozenges, mouth gargles, toothpastes, perfumes, repellents against mosquitoes, vermins, germicides etc.
11	Samanea saman	Rain tree	18	A multipurpose tree
12	Tectona grandis	Sagwan	30	Teak is a large, long, deciduous tree
13	Leucaenaleuco cephala	Subabhul	25	It is one of the fast growing hardy evergreen species., Because of its strong and deep root system, the tree is highly drought resistant.
14	Cassia fistula	Bahava	26	Medicinal value, Drought tolerant species, Very ornamental, Well flowering plant, Honey bee attracting species,
15	Delonix regia	Gulmohor	23	Gulmohor is an ornmental Plant
16	Ficus benghalensis	Vad	28	argest trees by canopy coverage, The figs produced by the tree are eaten by birds
17	Total	-	450	-
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 :**	MSEDCL
	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:	No high tension line passing through the plot

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
Air Pollution	NA	A thick green belt will be maintained around the lease area and on both sides of the haul roads
Noise Pollution	NA	A thick green belt will be maintained around the lease area and on both sides of the haul roads. Appropriate PPE's like ear muffs and ear plugs will be provided to workers exposed to high frequency noise
Solid waste Mangaement	NA	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.
Sewage Water	NA	Bio toilets will be provided.

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	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	Approach roads to mines and service roads are provided with black topping to reduce dust generation, Sprinkling of water on quarry and haul roads	0.60	0.05
2	Noise pollution Control	Thick green belt development, Provide PPE to workers	0.30	0.05
3	Solid waste Management	The overburden will be used for green belt development , surplus will be backfilled in the pit and afforestation will be done.	0.30	0.05
4	Sewage Pollution Control	Bio toilet	1.00	0.10
5	Occupational Health	Personal Protective Equipment for workers	0.30	0.05
6	Environmental Monitoring	Environmental Monitoring	0.0	0.50
7	Total	-	2.50	0.80

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable

Parking details:	**Number and area of basement:**	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Not applicable
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	Not applicable
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	B2 Category
	Court cases pending if any	No
	Other Relevant Informations	Sr. No. Latitude Longitude 1 18°55'0.56"N 74° 1'11.53"E 2 18°55'5.56"N 74° 1'12.07"E 3 18°55'5.34"N 74° 1'14.82"E 4 18°55'0.28"N 74° 1'14.08"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

District Mining Officer, Shri. Bamane was present for the meeting.

During deliberations, it was observed that, PP was not having adequate information.

Hence, SEAC-1 decided to defer the propsoal till PP submits information on the followng points.

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

Subject: Environment Clearance for Chemical Manufacturing Industry

Is a Violation Case: No

1.Name of Project	Nandosal Industries
2.Type of institution	Private
3.Name of Project Proponent	Nandosal Industries
4.Name of Consultant	Sourabh Jaiswar; M/s SGM corporate Consulatnt Pvt Ltd
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	Change in Products
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	K 29 & K 46
9.Taluka	Palghar
10.Village	Tarapur M.I.D.C
Correspondence Name:	RIYAZ NANDOLIA
Room Number:	01
Floor:	G
Building Name:	NANDOSAL INDUSTRIES
Road/Street Name:	K 29 & K 46
Locality:	MIDC TARAPUR, BOISAR
City:	Palghar
11.Whether in Corporation / Municipal / other area	MIDC
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 1000
13.Note on the initiated work (If applicable)	It is old industry
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	1600
16.Deductions	00
17.Net Plot area	1600
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** 1000
	b) Non FSI area (sq. m.): 00
	c) Total BUA area (sq. m.): 1000
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** 00
	Approved Non FSI area (sq. m.): 00
	Date of Approval: 09-06-2019
19.Total ground coverage (m2)	798.00
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	50
21.Estimated cost of the project	75000000

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)	12.00
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	2 Amino 5 Nitro Anisole (FAST RED B BASE)	00	50	50
2	2 Amino 4 Nitro Anisole (Fast Scarlet R Base) or 2 Amino 4 Nitro Anisole Hydrochloride (Fast Scarlet RC Base)	00	6.5	6.5
3	Meta Nitro Para Anisidine (Fast Bordeaux GP Base)	00	50	50
4	Meta Nitro Para Toluidine	00	35	35
5	2 Methyl 5 Nitro Aniline	00	8.5	8.5
6	4 Hydroxy Acetanilide	00	15.0	15.0
7	Ortho Choloro Aniline Hydrochloride	00	10.0	10.0
8	Meta Choloro Aniline Hydrochloride	00	10.0	10.0

9	or Any Product (above 1 to 5)	00	150.0	150.0
10	Magnesium Nitrate (By Products)	00	43.5	43.5
11	Sodium Acetate (By Products)	00	45.0	45.0
12	Acitic Acid (By Products)	00	40.0	40.0

32.Total Water Requirement

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

33.Details of Total water consumed

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

Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	14.50	00	14.50	11.60	00	11.60	2.90	00	2.90
Industrial Process	68.00	12.00	80.00	31.0	5.0	5.0	37.00	38.00	75.00
Cooling tower & thermopack	130.00	00	130.00	127.00	00	127.00	03	00	03
Gardening	2.5	00	2.5	2.5	00	2.5	00	00	00

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	5.0 to 8.0 m
	Size and no of RWH tank(s) and Quantity:	01 x 25 cum
	Location of the RWH tank(s):	Ground
	Quantity of recharge pits:	00
	Size of recharge pits :	00
	Budgetary allocation (Capital cost) :	5.0
	Budgetary allocation (O & M cost) :	0.5
	Details of UGT tanks if any :	250 and 100 cum
35.Storm water drainage	**Natural water drainage pattern:**	MIDC drain
	Quantity of storm water:	0.031 cum/sec
	Size of SWD:	300 x 400
Sewage and Waste water	**Sewage generation in KLD:**	2.90
	STP technology:	Septic tank
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	3.0
	Budgetary allocation (O & M cost):	0.75

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:**	20 Kg/day
	Wet waste:	20 Kg/day
	Hazardous waste:	Residues/ waste, Chemical /ETP Sludge, Spent carbon /spent catalysts etc
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	dry 20 kg/month
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	Local authority
	Wet waste:	Local authority
	Hazardous waste:	Common hazardous waste treatment and disposal facility (CHWTSDF)
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Manure
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	PH	NA	5.5 -6.8	7.0-8.0	5.5-9.0
2	BOD	mg/lit	4275-6458	90 .0 mg/lit	100 mg/l
3	COD	mg/lit	8500 – 11410	192 mg/lit	250 mg/l
4	SS	mg/lit	800-1200	80.0 mg/lit	100 mg/l

Amount of effluent generation (CMD):	78
Capacity of the ETP:	100
Amount of treated effluent recycled :	03
Amount of water send to the CETP:	75, However, we are proposing evaporator for additional efflunet load till operation of new CETP.
Membership of CETP (if require):	Yes
Note on ETP technology to be used	upto tertiray level
Disposal of the ETP sludge	Common hazardous waste treatment and disposal facility (CHWTSDF)

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal

1	Residues/ waste	28.1	TPM	00	7.50	7.50	CHWTSDF
2	Liners, Barrels / Containers	33.3	No	00	300	300	CHWTSDF/Approved vendor
3	Chemical /ETP Sludge	34.3	TPM	00	0.35	0.35	CHWTSDF
4	Spent solvent	28.5	TPM	00	1.16	1.16	Approved vendor
5	Spent carbon /spent catalysts	28.2	TPM	00	0.08	0.08	CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Boiler	Briquettes/Coal (3.5 TPD)	01	15.0	1.2	120 C
2	D.G set	HSD (120 Lit/day)	01	4.5	0.3	90

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Briquettes/Coal	2.67	0.83	3.5
41.Source of Fuel		Local vendor		
42.Mode of Transportation of fuel to site		By road		

43.Green Belt Development	**Total RG area :**	600 sq.m
	No of trees to be cut :	NA
	Number of trees to be planted :	35
	List of proposed native trees :	Attached
	Timeline for completion of plantation :	Aug 2020

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	Sarca Indica	Ashoka	05	Large size and shady trees
2	Azadirachta indica	Neem	02	Semi - evergreen / shady tree with medicinal value
3	Roystonesa regia	Royal palm	10	Ornamental Plant
4	Michelia champaca	Sonchafa	05	Medium size evergreen tree. Fragrant yellow flowers, butterfly host plant.
5	Jacaranda Mimosifolia	Jacaranda	05	Deciduous tree, spreading type with purple flowering
6	Bauhinia racemosa	Apta	02	Large size and shady trees
7	Pongamia pinnata	Karanj	02	Medium size evergreen flowering tree.
8	Cassia fistula	Bahava	02	Flowering Trees
9	Delonix regia	Gulmohar	02	Flowering Trees

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	Attached	Attached	Attached

47.Energy

Power requirement:	**Source of power supply :**	MSEB
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	N A
	During Operation phase (Connected load):	500 KW
	During Operation phase (Demand load):	308 KVA
	Transformer:	375 kva
	DG set as Power back-up during operation phase:	250 KVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

LED lights,

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lights	15 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Effluent Generation	ETP	increase in capacity
Noise	Acoustic enclosures	Acoustic enclosures
Air Pollution	Stack	Bagfilter
Hazardous Waste	CHWTSDF	CHWTSDF

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	1.50
	O & M cost:	0.25

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	PM-10, PM-2.5, Sox, NoX etc	10.50	2.50
2	Water Pollution control	pH, BOD, COD, SS etc	85.0	10.50
3	Noise	Noise	8.0	1.0
4	Hazrdous waste	Soil contamination	3.50	3.0
5	Rain water Harvesting	Water conservation	5.0	0.75
6	grrenbelt	Plantation	3.0	1.5

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	02

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	100 SQ.M
	Area per car:	12.50
	Area per car:	12.50
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	Bus and Auto rickshaw
	Width of all Internal roads (m):	6.0
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	5.0 km from Creek
	Category as per schedule of EIA Notification sheet	5 f (B1)
	Court cases pending if any	NA
	Other Relevant Informations	Our File no on Parivesh portal is SIA/MH/IND2/36993/2019.
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	30-05-2019

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

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.

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Proposed Expansion of Synthetic Organic Chemical Manufacturing unit

Is a Violation Case: No

1.Name of Project	M/s. SBL Energy Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Mr. B. K. Paul (Factory-Manager)
4.Name of Consultant	M/s. SGM Enviro (I) Pvt. Ltd.
5.Type of project	Industrial
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	Existing unit is in operation before the commencement of EIA notification, 2006. Hence EC was not obtained for the existing project.
8.Location of the project	Khasra. No. 115,116/1,116/2,116/3,117,172/1,176/2,177, 110,111,112,113, 195/1,195/2, 196/2, 196/3, 182,183,184/1, 184/2, 185/1, 185/2,186, ,267,268,269,270,271/1,271/2, 272,274,275,276,106,109
9.Taluka	Katol
10.Village	Yenvera & Kotwalbuldi
Correspondence Name:	M/s. SBL Energy Ltd., Khasra. No. 115,116/1,116/2,116/3,117,172/1,176/2,177, 110,111,112,113, 195/1,195/2, 196/2, 196/3, 182,183,184/1, 184/2, 185/1, 185/2,186, ,267,268,269,270,271/1,271/2, 272,274,275,276,106,109
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	Yenvera & Kotwalbuldi
City:	Nagpur
11.Whether in Corporation / Municipal / other area	In Grampanchayat Kotwalbuldi
12.IOD/IOA/Concession/Plan Approval Number	NOC is obtained from DM &Grampanchayat Kotwalbuldi
	IOD/IOA/Concession/Plan Approval Number: PESO Ref No. E/HQ/MH/21/923(E44341)
	Approved Built-up Area: 18000
13.Note on the initiated work (If applicable)	The Proposed project is Expansion of existing project.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NOC is obtained from DM &Grampanchayat Kotwalbuldi
15.Total Plot Area (sq. m.)	691900 Sq.m.
16.Deductions	800 Sq.m. - is area under road
17.Net Plot area	691100
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: 07-06-2019
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	423500000

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)	12 m
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	9 m
29.Existing structure (s) if any	Yes. Existing unit is there.No new construction will be carried out.
30.Details of the demolition with disposal (If applicable)	No demolition is involved

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	All types of Detonators (Million No./M)	9.0	3.08	12.08
2	Slurry/ Emulsion Explosives (MT/M)	8000.0	7500.0	15500.0
3	Detonating Fuse (Million metres/M)	12.5	0.42	12.92
4	PETN- PentaErythritol tetra nitrate & Cast Booster (MT/M)	26.31	232.0	258.31
5	Styphic Acid (MT/M)	0	0.5	0.5
6	Lead Styphnate (MT/M)	0	0.5	0.5
7	Lead Azide (MT/M)	0	1.0	1.0
8	DNT/TNT(MT/M)	0	250	250
9	HNS (MT/M)	0	0.83	0.83

32.Total Water Requirement

Dry season:	**Source of water**	Tanker
	Fresh water (CMD):	24.6
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	24.6
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	10 KL
	Excess treated water	0
Wet season:	**Source of water**	Tanker
	Fresh water (CMD):	24.6
	Recycled water - Flushing (CMD):	0
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	24.6
	Fire fighting - Underground water tank(CMD):	0
	Fire fighting - Overhead water tank(CMD):	10 KL
	Excess treated water	0
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	2.3	0	2.3	0.5	0	0.5	1.8	0	1.8
Industrial Process	13.3	7.0	20.3	12.3	6.5	18.8	1.0	0.5	1.5
Cooling tower & thermopack	1.5	0.5	2.0	0	0	0	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Water level on an average in pre-monsoon is 8.2 m bgl whereas in post monsoon it is 3.6m bgl. The annual average fluctuation is 4.6 m
	Size and no of RWH tank(s) and Quantity:	1 Check Dam of 72,000 KL capacity is available within premises
	Location of the RWH tank(s):	Within Industry premises in NW corner
	Quantity of recharge pits:	0
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	10 Lac
	Budgetary allocation (O & M cost) :	1 Lac/Annum
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	The drainage of the area is mainly controlled by topography. The drainage of the area is controlled by Vena river. There is a seasonal nala passing through plant area. A seasonal stream passes from the northern boundary of the plant area draining water from the north western parts.
	Quantity of storm water:	1,00,000 – 1,60,000 M3/Annum
	Size of SWD:	Natural Drainage
Sewage and Waste water	**Sewage generation in KLD:**	1.8
	STP technology:	MBBR
	Capacity of STP (CMD):	1 x 2 CMD
	Location & area of the STP:	On ground
	Budgetary allocation (Capital cost):	5 Lakh
	Budgetary allocation (O & M cost):	1.5 Lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA. No construction activity is required for proposed expansion project.
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	1. Packaging material - Existing = 100 Kg/A, Proposed= 50 kg/A 2. Ash from Boiler- Existing= 26 MT/A, Proposed= 8 MT/A 3. Containers- Existing= 90 Pcs/A, Propose= 90 Pcs/A
	Wet waste:	NA
	Hazardous waste:	ETP sludge = 2 Kg/M
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	5 Kg/M
	Others if any:	No

Mode of Disposal of waste:	**Dry waste:**	Packaging Material will be reused, Ash will be used for landfilling in own premises, containers will be sold to authorized dealers.
	Wet waste:	NA
	Hazardous waste:	CHWTSDF
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	STP sludge will be used as manure in own garden
	Others if any:	NA
Area requirement:	**Location(s):**	On Ground
	Area for the storage of waste & other material:	Separate Storage yard will be provided for storage of waste and other material Area: 300 Sq. M
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	5.0 Lacs
	O & M cost:	2.0 Lacs

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	1.2	6.3	5.5-9.0
Amount of effluent generation (CMD):		1.5			
Capacity of the ETP:		10			
Amount of treated effluent recycled :		100% recycled within process			
Amount of water send to the CETP:		0			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		ETP of 10 CMD is provided to treat effluent . After pH correction, this effluent will be reused within process.			
Disposal of the ETP sludge		CHWTSDF			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	ETP Sludge	-	Kg/M	1	1	2	CHWTSDF

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Existing Boilers 2 No.s (1 Standby)	Biomass Briquettes-135 Kg/hr	1	30 m	-	-
2	Existing DG set 1-Standby- 125 KVA	HSD- 40 Lit/hr	2	3 m	-	-
3	Existing DG set 2-Standby-140 KVA	HSD- 45 Lit/hr	3	3 m	-	-
4	Proposed DG set-500 KVA	HSD- 90 Lit/hr	4	3 m	-	-

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	For Boilers - 2 No.s (1 Standby)	Biomass Briquettes- 135 Kg/hr	Biomass Briquettes= 20 Kg/hr	155 Kg/hr
2	HSD for DG sets	85 Lit/hr	90 Lit/hr	175 Lit/hr
41.Source of Fuel		Local Vendor		
42.Mode of Transportation of fuel to site		By road		

43.Green Belt Development	**Total RG area :**	2,28,327
	No of trees to be cut :	0
	Number of trees to be planted :	0
	List of proposed native trees :	Adequate Number of Trees are already planted.
	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	Not Applicable	Not Applicable	Not Applicable	Not Applicable
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 :**	MSEDCL
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	Exisitng= 377.0 KW, Proposed= 500.0 KW
	During Operation phase (Demand load):	Exisitng= 370.0 KW, Proposed= 480.0 KW
	Transformer:	Exisitng= 500 KVA, No extra provision required
	DG set as Power back-up during operation phase:	Exisitng= 2 No.s – 1 x 125 KVA, 1x 140 KVA, Proposed = 1 no. of 500 KVA
	Fuel used:	HSD= 175 Lit/hr
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Use of Solar energy – Street light= 50 No.s x 50 KW= 2.5 KW saving

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Use of Solar energy	0.67 %
2	Use of LED in Office Buildings , street light, working building	4.0 %

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air	Adequate stack height has been provided with Dust collector	NA
Water	Septic Tank with Soak Pit	STP will be provided
Noise	Green belt development, provision of acoustic enclosure, PPE	Green belt development, provision of acoustic enclosure, PPE
Solid Waste	Separate Storage Area	Separate Storage Area

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	13 Lakh
	O & M cost:	2 Lakh

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	Water Pollution	Septic tank & soak pit is provided to treat sewage. STP will be provided. ETP of 10 CMD is provided. Scrubber is provided at PETN effluent	10	2.0
2	Air Pollution	Stack of adequate height is provided with Dust Collector to Boiler	40	1.5
3	Noise Pollution	PPEs if required, DG sets are with Acoustic enclosures, Green belt development	2	0.50
4	Green Belt Development	Tree plantation & its maintenance	5	2.0
5	Environment Monitoring and Management	Environment Monitoring and Management	-	3.0
6	Rain Water Harvesting	Arrangements for RWH	10	1.0
7	Occupational Health & Safety measures	Health Check-up, PPE provision, Safety measures, Medical checkup	10	1.5
8	Solid waste	Solid waste management	5	1.0
9	Energy Conservation	Energy Conservation Measures	13	2.0

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	1

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	Adequate Parking area is available.
	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:	Buses, Autorickshaw, Passenger cars etc.
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	5 (f) & 6 (b)
	Court cases pending if any	NA
	Other Relevant Informations	No
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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 Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Stone Quarry (Minor Mineral), Survey No. 9/4 & 9/3, Village – Wadachiwadi, Taluka – Haveli, District - Pune

Is a Violation Case: No

1.Name of Project	Stone Quarry at Survey No. 9/4 & 9/3, Village – Wadachiwadi, Taluka – Haveli, District - Pune
2.Type of institution	Private
3.Name of Project Proponent	SHRADDHA STONE CRUSHER (SHRI DATTU GANPAT LOKHANDE)
4.Name of Consultant	Srushti Seva Private Limite, Nagpur
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Survey No. 9/4 & 9/3
9.Taluka	Haveli
10.Village	Wadachiwadi
Correspondence Name:	SHRADDHA STONE CRUSHER (SHRI DATTU GANPAT LOKHANDE)
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	At Post – Wadachiwadi, Taluka – Haveli, District - Pune
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: 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.)	1.24 Ha
16.Deductions	-
17.Net Plot area	1.24 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: 21-11-2015
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	6500000

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	Stone (Minor Mineral)	Nil	2051.7	2051.7

32.Total Water Requirement

Dry season:	**Source of water**	Purchased water & Pit Water
	Fresh water (CMD):	5.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.0
	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**	Purchased water & Pit Water
	Fresh water (CMD):	5.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	Nil	1.0	1.0	Nil	0.2	0.2	Nil	0.8	0.8
Gardening	Nil	4.0	4.0	Nil	4.0	4.0	Nil	Nil	Nil
Fresh water requirement	Nil	5.0	5.0	Nil	4.2	4.2	Nil	0.8	0.8

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	11 m
	Size and no of RWH tank(s) and Quantity:	Mine Pit
	Location of the RWH tank(s):	Within mining lease area
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	-
	Budgetary allocation (O & M cost) :	-
	Details of UGT tanks if any :	Not Applicable

35.Storm water drainage	**Natural water drainage pattern:**	Not Applicable. However, the rain water will be channelized to the natural water courses like gullies and depression through appropriate drainage system.
	Quantity of storm water:	-
	Size of SWD:	-
Sewage and Waste water	**Sewage generation in KLD:**	0.8
	STP technology:	Mobile STP
	Capacity of STP (CMD):	1 No. Capacity 2 KLD
	Location & area of the STP:	Within Mining Lease area
	Budgetary allocation (Capital cost):	Rs. 2 lakhs
	Budgetary allocation (O & M cost):	Rs. 30,000/-
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:**	1800 m3 during first five years
	Wet waste:	Nil
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	-
	Others if any:	Not Applicable
Mode of Disposal of waste:	**Dry waste:**	Soil generated during mining will be used for plantation.
	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):**	Within mining lease area
	Area for the storage of waste & other material:	Temp. storage
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable
37.Effluent Charecterestics		

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	-	Not Applicable	Not Applicable	Not Applicable	Not Applicable
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	-	Not Applicable	Not Applicable	Not Applicable
41.Source of Fuel		Not Applicable		
42.Mode of Transportation of fuel to site		Not Applicable		

43.Green Belt Development	**Total RG area :**	4133 m2
	No of trees to be cut :	-
	Number of trees to be planted :	850
	List of proposed native trees :	Awala, Kadulimb, Kala Tembhurni, Peru, Sag
	Timeline for completion of plantation :	During first five years after start of mining

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	Emblica officinalis	Awala	150	Created to intercept dust, gaseous pollutants, noise and fruits
2	Azadirachta indica	Kadulimb	150	Created to intercept dust, gaseous pollutants and noise

3	Tectona grandis	Sag	200	Created to intercept dust, gaseous pollutants and noise
4	Ficus hispida	Kala Umber	150	Created to intercept dust, gaseous pollutants, noise and fruits
5	Psidium guava	Peru	150	Created to intercept dust, gaseous pollutants, noise and fruits
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 :**	Maharashtra State Power Distribution Company Limited
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	-
	During Operation phase (Connected load):	7.5 KW (10 HP) For Mine Office .
	During Operation phase (Demand load):	7.5 KW (10 HP) For Mine Office .
	Transformer:	-
	DG set as Power back-up during operation phase:	No
	Fuel used:	-
	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:

Solar Energy

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Lamps	5

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution	Nil	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.
Water Pollution	Nil	Construction of Garland Drain & Bund

Noise Pollution	Nil	Preventive Maintenance of all heavy machineries,

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	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	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.	2.0	1.0
2	Water Pollution	Construction of Garland drain, stone hedge wall around the lease area, Mobile STP 2KLD	3.0	1.0
3	Noise Pollution	Preventive Maintenance of all heavy machineries,	-	0.5
4	Occupational health and safety	Periodic health check ups of workers and safety equipment	0.5	0.5

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	Category B2, Schedule 1(a)
	Court cases pending if any	No
	Other Relevant Informations	-
	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

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.

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Stone Quarry (Minor Mineral), Survey No. 428(P), Village – Bhandgaon, Taluka – Daund, District - Pune

Is a Violation Case: No

1.Name of Project	Stone Quarry at Survey No. 428(P), Village – Bhandgaon, Taluka – Daund, District - Pune
2.Type of institution	Private
3.Name of Project Proponent	VAIBHAV PRAKASH LONDHE
4.Name of Consultant	Srushti Seva Private Limited, Nagpur
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Survey No. 428(P)
9.Taluka	Daund
10.Village	Bhandgaon
Correspondence Name:	VAIBHAV PRAKASH LONDHE
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	At Post – Shindavane Road, Village-Uruli Kanchan, Tahsil- Haveli, Dist Pune
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: 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.)	2.88 Ha
16.Deductions	-
17.Net Plot area	2.88 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: 17-07-2019
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	6000000

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	Stone (Minor Mineral)	Nil	6375	6375

32.Total Water Requirement

Dry season:	**Source of water**	Purchased water & Pit Water
	Fresh water (CMD):	5.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.0
	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**	Purchased water & Pit Water
	Fresh water (CMD):	5.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	Nil	1.0	1.0	Nil	0.2	0.2	Nil	0.8	0.8
Gardening	Nil	4.0	4.0	Nil	4.0	4.0	Nil	Nil	Nil
Fresh water requirement	Nil	5.0	5.0	Nil	4.2	4.2	Nil	0.8	0.8

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	10 m
	Size and no of RWH tank(s) and Quantity:	Mine Pit
	Location of the RWH tank(s):	Within mining lease area
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	-
	Budgetary allocation (O & M cost) :	-
	Details of UGT tanks if any :	Not Applicable

35.Storm water drainage	**Natural water drainage pattern:**	Not Applicable. However, the rain water will be channelized to the natural water courses like gullies and depression through appropriate drainage system.
	Quantity of storm water:	-
	Size of SWD:	-
Sewage and Waste water	**Sewage generation in KLD:**	0.8
	STP technology:	Mobile STP
	Capacity of STP (CMD):	1 No. Capacity 2 KLD
	Location & area of the STP:	Within Mining Lease area
	Budgetary allocation (Capital cost):	Rs. 2 lakhs
	Budgetary allocation (O & M cost):	Rs. 30,000/-
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:**	No waste in form of rejects shall be generated during mining process
	Wet waste:	Nil
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	-
	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):**	-
	Area for the storage of waste & other material:	No waste shall be generated during mining process and therefore no Mineral Stacking Area shall be required.
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable
37.Effluent Charecterestics		

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	-	Not Applicable	Not Applicable	Not Applicable	Not Applicable
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	-	Not Applicable	Not Applicable	Not Applicable
41.Source of Fuel		Not Applicable		
42.Mode of Transportation of fuel to site		Not Applicable		

43.Green Belt Development	**Total RG area :**	9600 m2
	No of trees to be cut :	-
	Number of trees to be planted :	1950
	List of proposed native trees :	Awala, Kadulimb, Kala Tembhurni, Peru, Sag
	Timeline for completion of plantation :	During first five years after start of mining

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	Emblica officinalis	Awala	300	Created to intercept dust, gaseous pollutants, noise and fruits
2	Azadirachta indica	Kadulimb	300	Created to intercept dust, gaseous pollutants and noise

3	Tectona grandis	Sag	400	Created to intercept dust, gaseous pollutants and noise
4	Ficus hispida	Kala Umber	250	Created to intercept dust, gaseous pollutants, noise and fruits
5	Psidium guava	Peru	250	Created to intercept dust, gaseous pollutants, noise and fruits
6	Terminaili acatapa	Deshi Badam	300	Created to intercept dust, gaseous pollutants, noise and fruits
7	Butea monosperma	Palas	150	Created to intercept dust, gaseous pollutants and noise
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 :**	Maharashtra State Power Distribution Company Limited
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	-
	During Operation phase (Connected load):	10 KW for mine office
	During Operation phase (Demand load):	10 KW for mine office
	Transformer:	10 KW for mine office
	DG set as Power back-up during operation phase:	No
	Fuel used:	-
	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:

Solar Energy

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Lamps	5

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed

Air Pollution	Nil	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.
Water Pollution	Nil	Construction of Garland Drain & Bund
Noise Pollution	Nil	Preventive Maintenance of all heavy machineries,

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	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	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.	3.0	1.0
2	Water Pollution	Construction of Garland drain, stone hedge wall around the lease area, Mobile STP 2KLD	3.0	1.0
3	Noise Pollution	Preventive Maintenance of all heavy machineries,	-	0.5
4	Occupational health and safety	Periodic health check ups of workers and safety equipment	1.0	0.5

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

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

52.Any Other Information

No Information Available		

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	Category B2, Schedule 1(a)
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

DMO, Pune Shri. Bamane was present.

During deliberation, it was observed that, PP was not having adequate information to present the case.

Hence, SEAC-1 decided to defer the case till PP submits information on the follwing points.

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Stone Quarry (Minor Mineral), Survey No. 1156/2 (P), 1156/3(P), Village – Shirur (Gramin), Taluka – Shirur, District - Pune

Is a Violation Case: No

1.Name of Project	Stone Quarry at Survey No. 1156/2 (P), 1156/3(P), Village – Shirur (Gramin), Taluka – Shirur, District - Pune
2.Type of institution	Private
3.Name of Project Proponent	Somnath Shankar Ghawate
4.Name of Consultant	Srushti Seva Private Limited, Nagpur
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Survey No. 1156/2 (P), 1156/3(P),
9.Taluka	Shirur
10.Village	Shirur (Gramin)
Correspondence Name:	Somnath Shankar Ghawate
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	Village – Shirur (Gramin), Taluka – Shirur, District - Pune
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: 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.)	1.81 Ha
16.Deductions	-
17.Net Plot area	1.81 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: 11-07-2016
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

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	Stone (Minor Mineral)	Nil	1600	1600

32.Total Water Requirement

Dry season:	**Source of water**	Purchased water & Pit Water
	Fresh water (CMD):	5.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.0
	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**	Purchased water & Pit Water
	Fresh water (CMD):	5.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	Nil	1.0	1.0	Nil	0.2	0.2	Nil	0.8	0.8
Gardening	Nil	4.0	4.0	Nil	4.0	4.0	Nil	Nil	Nil
Fresh water requirement	Nil	5.0	5.0	Nil	4.2	4.2	Nil	0.8	0.8

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	12 m
	Size and no of RWH tank(s) and Quantity:	Mine Pit
	Location of the RWH tank(s):	Within mining lease area
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	-
	Budgetary allocation (O & M cost) :	-
	Details of UGT tanks if any :	Not Applicable

35.Storm water drainage	**Natural water drainage pattern:**	Not Applicable. However, the rain water will be channelized to the natural water courses like gullies and depression through appropriate drainage system.
	Quantity of storm water:	-
	Size of SWD:	-
Sewage and Waste water	**Sewage generation in KLD:**	0.8
	STP technology:	Mobile STP
	Capacity of STP (CMD):	1 No. Capacity 2 KLD
	Location & area of the STP:	Within Mining Lease area
	Budgetary allocation (Capital cost):	Rs. 2 lakhs
	Budgetary allocation (O & M cost):	Rs. 30,000/-
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:**	9600 tones in form of mineral rejects shall be generated during first five years mining process
	Wet waste:	Nil
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	-
	Others if any:	Not Applicable
Mode of Disposal of waste:	**Dry waste:**	Waste will be used for making approach raod and filling wherever required.
	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):**	No consideration of stacking of waste.
	Area for the storage of waste & other material:	No consideration of stacking of waste.
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable
37.Effluent Charecterestics		

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	-	Not Applicable	Not Applicable	Not Applicable	Not Applicable
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	-	Not Applicable	Not Applicable	Not Applicable
41.Source of Fuel		Not Applicable		
42.Mode of Transportation of fuel to site		Not Applicable		

43.Green Belt Development	**Total RG area :**	6033 m2
	No of trees to be cut :	-
	Number of trees to be planted :	1200
	List of proposed native trees :	Awala, Kadulimb, Kala Tembhurni, Peru, Sag
	Timeline for completion of plantation :	During first five years after start of mining

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	Emblica officinalis	Awala	200	Created to intercept dust, gaseous pollutants, noise and fruits
2	Azadirachta indica	Kadulimb	200	Created to intercept dust, gaseous pollutants and noise

3	Tectona grandis	Sag	300	Created to intercept dust, gaseous pollutants and noise
4	Ficus hispida	Kala Umber	150	Created to intercept dust, gaseous pollutants, noise and fruits
5	Psidium guava	Peru	150	Created to intercept dust, gaseous pollutants, noise and fruits
6	Terminaili acatapa	Deshi Badam	100	Created to intercept dust, gaseous pollutants, noise and fruits
7	Butea monosperma	Palas	100	Created to intercept dust, gaseous pollutants and noise
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 :**	Maharashtra State Power Distribution Company Limited
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	-
	During Operation phase (Connected load):	10 KW for mine office
	During Operation phase (Demand load):	10 KW for mine office
	Transformer:	10 KW for mine office
	DG set as Power back-up during operation phase:	No
	Fuel used:	-
	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:

Solar Energy

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Lamps	5

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed

Air Pollution	Nil	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.
Water Pollution	Nil	Construction of Garland Drain & Bund
Noise Pollution	Nil	Preventive Maintenance of all heavy machineries,

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	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	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.	2.0	1.0
2	Water Pollution	Construction of Garland drain, stone hedge wall around the lease area, Mobile STP 2KLD	3.0	1.0
3	Noise Pollution	Preventive Maintenance of all heavy machineries,	-	0.5
4	Occupational health and safety	Periodic health check ups of workers and safety equipment	0.5	0.5

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

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

52.Any Other Information

No Information Available		

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	Category B2, Schedule 1(a)
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

During deliberations it was obserevd that, PP was not having adequate information to present before the committee.

Hence, SEAC-1 decided to defer the proposal till PP submits infomration on the following points.

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Stone Quarry (Minor Mineral), Survey No. 234 (P), Village – Babhulgaon, Taluka – Indapur, District - Pune

Is a Violation Case: No

1.Name of Project	Stone Quarry at Survey No. Survey No. 234 (P), Village – Babhulgaon, Taluka – Indapur, District - Pune
2.Type of institution	Private
3.Name of Project Proponent	M/s Mahalaxmi Stone Crusher (Shekhar Ashokrao Patil)
4.Name of Consultant	Srushti Seva Private Limited, Nagpur
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Survey No. 234 (P)
9.Taluka	Indapur
10.Village	Babhulgaon
Correspondence Name:	M/s Mahalaxmi Stone Crusher (Shekhar Ashokrao Patil)
Room Number:	-
Floor:	-
Building Name:	Shivtirth Patil Bunglow,
Road/Street Name:	-
Locality:	At Post Taluka – Indapur, District - Pune
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: 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.)	1.0 Ha
16.Deductions	-
17.Net Plot area	1.0 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: 23-07-2015
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	5850000

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	Stone (Minor Mineral)	Nil	2538	2538

32.Total Water Requirement

Dry season:	**Source of water**	Purchased water & Pit Water
	Fresh water (CMD):	3.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	3.0
	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**	Purchased water & Pit Water
	Fresh water (CMD):	3.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	3.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	Nil	0.5	0.5	Nil	0.1	0.1	Nil	0.4	0.4
Gardening	Nil	2.5	2.5	Nil	2.5	2.5	Nil	Nil	Nil
Fresh water requirement	Nil	3.0	3.0	Nil	2.6	2.6	Nil	0.4	0.4

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	7 m
	Size and no of RWH tank(s) and Quantity:	Mine Pit
	Location of the RWH tank(s):	Within mining lease area
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	-
	Budgetary allocation (O & M cost) :	-
	Details of UGT tanks if any :	Not Applicable

35.Storm water drainage	**Natural water drainage pattern:**	Not Applicable. However, the rain water will be channelized to the natural water courses like gullies and depression through appropriate drainage system.
	Quantity of storm water:	-
	Size of SWD:	-
Sewage and Waste water	**Sewage generation in KLD:**	0.4
	STP technology:	Mobile STP
	Capacity of STP (CMD):	1 No. Capacity 2 KLD
	Location & area of the STP:	Within Mining Lease area
	Budgetary allocation (Capital cost):	Rs. 2 lakhs
	Budgetary allocation (O & M cost):	Rs. 30,000/-
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:**	9600 tones in form of mineral rejects shall be generated during first five years mining process
	Wet waste:	Nil
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	-
	Others if any:	Not Applicable
Mode of Disposal of waste:	**Dry waste:**	Waste will be used for making approach raod and filling wherever required.
	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):**	No consideration of stacking of waste.
	Area for the storage of waste & other material:	No consideration of stacking of waste.
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable
37.Effluent Charecterestics		

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	-	Not Applicable	Not Applicable	Not Applicable	Not Applicable
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	-	Not Applicable	Not Applicable	Not Applicable
41.Source of Fuel		Not Applicable		
42.Mode of Transportation of fuel to site		Not Applicable		

43.Green Belt Development	**Total RG area :**	3300 m2
	No of trees to be cut :	-
	Number of trees to be planted :	700
	List of proposed native trees :	Mango, Kadulimb, Subabhul, Sag
	Timeline for completion of plantation :	During first five years after start of mining

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	150	Created to intercept dust, gaseous pollutants, noise and fruits
2	Azadirachta indica	Kadulimb	150	Created to intercept dust, gaseous pollutants and noise

3	Tectona grandis	Sag	250	Created to intercept dust, gaseous pollutants and noise
4	Leucaena leucocephala	Subabhul	150	Created to intercept dust, gaseous pollutants, noise
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 :**	Maharashtra State Power Distribution Company Limited
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	-
	During Operation phase (Connected load):	10 KW for mine office
	During Operation phase (Demand load):	10 KW for mine office
	Transformer:	10 KW for mine office
	DG set as Power back-up during operation phase:	No
	Fuel used:	-
	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:

Solar Energy

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Lamps	5

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution	Nil	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.
Water Pollution	Nil	Construction of Garland Drain & Bund
Noise Pollution	Nil	Preventive Maintenance of all heavy machineries,

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	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	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.	2.0	1.0
2	Water Pollution	Construction of Garland drain, stone hedge wall around the lease area, Mobile STP 2KLD	3.0	1.0
3	Noise Pollution	Preventive Maintenance of all heavy machineries,	-	0.5
4	Occupational health and safety	Periodic health check ups of workers and safety equipment	0.5	0.5

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable

Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	Category B2, Schedule 1(a)
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

During deliberations, it was obserevd that, PP was not having adequate information to present the case.

Hence, SEAC-1 decided to defer the proposal till PP submits infomration on the following points

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Stone Quarry (Minor Mineral), Survey No. 826, Village – Dhok Sangavi, Taluka – Shirur, District - Pune

Is a Violation Case: No

1.Name of Project	Stone Quarry at Survey No. 826, Village – Dhok Sangavi, Taluka – Shirur, District - Pune
2.Type of institution	Private
3.Name of Project Proponent	Yogesh Vinayak Malgunde
4.Name of Consultant	Srushti Seva Private Limited, Nagpur
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Survey No. 826
9.Taluka	Shirur
10.Village	Dhok Sangavi
Correspondence Name:	Yogesh Vinayak Malgunde
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	Village – Dhok Sangavi, Taluka – Shirur, District - Pune
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: 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.)	1.50 Ha
16.Deductions	-
17.Net Plot area	1.50 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: 20-07-2018
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	5000000

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	Stone (Minor Mineral)	Nil	5106	5106

32.Total Water Requirement

Dry season:	**Source of water**	Purchased water & Pit Water
	Fresh water (CMD):	4.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4.0
	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**	Purchased water & Pit Water
	Fresh water (CMD):	4.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	Nil	1.0	1.0	Nil	0.2	0.2	Nil	0.8	0.8
Gardening	Nil	3.0	3.0	Nil	3.0	3.0	Nil	Nil	Nil
Fresh water requirement	Nil	4.0	4.0	Nil	3.2	3.2	Nil	0.8	0.8

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	12 m
	Size and no of RWH tank(s) and Quantity:	Mine Pit
	Location of the RWH tank(s):	Within mining lease area
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	-
	Budgetary allocation (O & M cost) :	-
	Details of UGT tanks if any :	Not Applicable

35.Storm water drainage	**Natural water drainage pattern:**	Not Applicable. However, the rain water will be channelized to the natural water courses like gullies and depression through appropriate drainage system.
	Quantity of storm water:	-
	Size of SWD:	-
Sewage and Waste water	**Sewage generation in KLD:**	0.8
	STP technology:	Mobile STP
	Capacity of STP (CMD):	1 No. Capacity 2 KLD
	Location & area of the STP:	Within Mining Lease area
	Budgetary allocation (Capital cost):	Rs. 2 lakhs
	Budgetary allocation (O & M cost):	Rs. 30,000/-
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:**	2467 m3
	Wet waste:	Nil
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	-
	Others if any:	Not Applicable
Mode of Disposal of waste:	**Dry waste:**	Soil will be used for plantation
	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):**	No consideration of stacking of waste.
	Area for the storage of waste & other material:	No consideration of stacking of waste.
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable
37.Effluent Charecterestics		

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	-	Not Applicable	Not Applicable	Not Applicable	Not Applicable
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	-	Not Applicable	Not Applicable	Not Applicable
41.Source of Fuel		Not Applicable		
42.Mode of Transportation of fuel to site		Not Applicable		

43.Green Belt Development	**Total RG area :**	5000 m2
	No of trees to be cut :	-
	Number of trees to be planted :	1000
	List of proposed native trees :	Mango, Kadulimb, Subabhul, Sag
	Timeline for completion of plantation :	During first five years after start of mining

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	150	Created to intercept dust, gaseous pollutants, noise and fruits
2	Azadirachta indica	Kadulimb	150	Created to intercept dust, gaseous pollutants and noise

3	Tectona grandis	Sag	200	Created to intercept dust, gaseous pollutants and noise
4	Leucaena leucocephala	Subabhul	150	Created to intercept dust, gaseous pollutants, noise
5	Emblica officinalis	Awla	150	Created to intercept dust, gaseous pollutants, noise
6	Pongamia pinnata	Karanj	100	Created to intercept dust, gaseous pollutants, noise
7	Psidium guava	Peru	100	Created to intercept dust, gaseous pollutants, noise
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 :**	Maharashtra State Power Distribution Company Limited
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	-
	During Operation phase (Connected load):	500 KV
	During Operation phase (Demand load):	500 KV
	Transformer:	500 KV
	DG set as Power back-up during operation phase:	No
	Fuel used:	-
	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:

Solar Energy

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Lamps	5

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed

Air Pollution	Nil	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.
Water Pollution	Nil	Construction of Garland Drain & Bund
Noise Pollution	Nil	Preventive Maintenance of all heavy machineries,

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	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	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.	2.0	1.0
2	Water Pollution	Construction of Garland drain, stone hedge wall around the lease area, Mobile STP 2KLD	3.0	1.0
3	Noise Pollution	Preventive Maintenance of all heavy machineries,	0.5	0.5
4	Occupational health and safety	Periodic health check ups of workers and safety equipment	0.5	0.5

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

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

52.Any Other Information

No Information Available		

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	Category B2, Schedule 1(a)
	Court cases pending if any	No
	Other Relevant Informations	-
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

District Mining Officer, Shri. Bamane was present for the meeting.

During deliberations, it was observed that, PP was not having adequate information to present the case.

Hence, SEAC-1 decided to defer the proposal till PP submits information on the following points.

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Stone Quarry (Minor Mineral), Survey No. 324, Village – Supe Kh, Taluka – Purandar, District - Pune

Is a Violation Case: No

1.Name of Project	Stone Quarry at Survey No. 324, Village – Supe Kh, Taluka – Purandar, District - Pune
2.Type of institution	Private
3.Name of Project Proponent	Sanjay Dyanoba Jagtap
4.Name of Consultant	Srushti Seva Private Limited, Nagpur
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Survey No. 324
9.Taluka	Purandar
10.Village	Supe Kh
Correspondence Name:	Sanjay Dyanoba Jagtap
Room Number:	-
Floor:	-
Building Name:	-
Road/Street Name:	-
Locality:	At + Post: Sasvad, Taluka - Purandar, District - Pune,
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: 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.)	1.77 Ha
16.Deductions	-
17.Net Plot area	1.77 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: 16-05-2017
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	7000000

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	Stone (Minor Mineral)	Nil	2000	2000

32.Total Water Requirement

Dry season:	**Source of water**	Purchased water & Pit Water
	Fresh water (CMD):	4.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4.0
	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**	Purchased water & Pit Water
	Fresh water (CMD):	4.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	Nil	1.0	1.0	Nil	0.2	0.2	Nil	0.8	0.8
Gardening	Nil	3.0	3.0	Nil	3.0	3.0	Nil	Nil	Nil
Fresh water requirement	Nil	4.0	4.0	Nil	3.2	3.2	Nil	0.8	0.8

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	12 m
	Size and no of RWH tank(s) and Quantity:	Mine Pit
	Location of the RWH tank(s):	Within mining lease area
	Quantity of recharge pits:	-
	Size of recharge pits :	-
	Budgetary allocation (Capital cost) :	-
	Budgetary allocation (O & M cost) :	-
	Details of UGT tanks if any :	Not Applicable

35.Storm water drainage	**Natural water drainage pattern:**	Not Applicable. However, the rain water will be channelized to the natural water courses like gullies and depression through appropriate drainage system.
	Quantity of storm water:	-
	Size of SWD:	-
Sewage and Waste water	**Sewage generation in KLD:**	0.8
	STP technology:	Mobile STP
	Capacity of STP (CMD):	1 No. Capacity 2 KLD
	Location & area of the STP:	Within Mining Lease area
	Budgetary allocation (Capital cost):	Rs. 2 lakhs
	Budgetary allocation (O & M cost):	Rs. 30,000/-
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:**	3000 m3 in form of soil
	Wet waste:	Nil
	Hazardous waste:	Not Applicable
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	-
	Others if any:	Not Applicable
Mode of Disposal of waste:	**Dry waste:**	Soil will be used for plantation
	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):**	No consideration of stacking of waste.
	Area for the storage of waste & other material:	No consideration of stacking of waste.
	Area for machinery:	-
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable
37.Effluent Charecterestics		

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	-	Not Applicable	Not Applicable	Not Applicable	Not Applicable
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	-	Not Applicable	Not Applicable	Not Applicable
41.Source of Fuel		Not Applicable		
42.Mode of Transportation of fuel to site		Not Applicable		

43.Green Belt Development	**Total RG area :**	5900 m2
	No of trees to be cut :	-
	Number of trees to be planted :	1200
	List of proposed native trees :	Mango, Kadulimb, Subabhul, Sag, Awla, Karang, Pure
	Timeline for completion of plantation :	During first five years after start of mining

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	200	Created to intercept dust, gaseous pollutants, noise and fruits
2	Azadirachta indica	Kadulimb	200	Created to intercept dust, gaseous pollutants and noise

3	Tectona grandis	Sag	200	Created to intercept dust, gaseous pollutants and noise
4	Leucaena leucocephala	Subabhul	250	Created to intercept dust, gaseous pollutants, noise
5	Emblica officinalis	Awla	150	Created to intercept dust, gaseous pollutants, noise
6	Pongamia pinnata	Karanj	100	Created to intercept dust, gaseous pollutants, noise
7	Psidium guava	Peru	100	Created to intercept dust, gaseous pollutants, noise
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 :**	Maharashtra State Power Distribution Company Limited
	During Construction Phase: (Demand Load)	Not Applicable
	DG set as Power back-up during construction phase	-
	During Operation phase (Connected load):	500 KV
	During Operation phase (Demand load):	500 KV
	Transformer:	500 KV
	DG set as Power back-up during operation phase:	No
	Fuel used:	-
	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:

Solar Energy

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar Lamps	5

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed

Air Pollution	Nil	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.
Water Pollution	Nil	Construction of Garland Drain & Bund
Noise Pollution	Nil	Preventive Maintenance of all heavy machineries,

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	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	Sprinkling on the haul roads. The closed conduit type of crusher with sprinkler arrangement to prevent the escape of fug. A thick green is maintained around the lease area and on both sides of the haul roads.	2.0	1.0
2	Water Pollution	Construction of Garland drain, stone hedge wall around the lease area, Mobile STP 2KLD	3.0	1.0
3	Noise Pollution	Preventive Maintenance of all heavy machineries,	0.5	0.5
4	Occupational health and safety	Periodic health check ups of workers and safety equipment	0.5	0.5

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

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

52.Any Other Information

No Information Available		

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	Category B2, Schedule 1(a)
	Court cases pending if any	No
	Other Relevant Informations	-
	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

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.

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Environmental Clearance for Kasabe Vani Stone Quarry of M/s. Shaptashrungi Infratech at Kh. No.:251 Parts Mouza: Kasbe Vani, Tq. Dindori, District :Nashik @ 7500 Brass/annum

Is a Violation Case: No

1.Name of Project	Kasabe Vani Stone Quarry (Minor Mineral) (2.00 Ha for mining activity)
2.Type of institution	Private
3.Name of Project Proponent	M/s Shaptashrungi Infratech. R/O Sevashram Complex, Main Road, Kalwan, Taluka- Kalwan, District- Nashik (MH)
4.Name of Consultant	Mantras Green Resources Limited
5.Type of project	Stone Mining
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	Kh. No.:251 Parts Mouza: Kasbe Vani, Taluka -Dindori, District :Nashik
9.Taluka	Dindori
10.Village	Kasbe Vani
Correspondence Name:	NA
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	Kh. No.:251 Parts Mouza: Kasbe Vani,
Locality:	Dindori
City:	Nashik
11.Whether in Corporation / Municipal / other area	NA
12.IOD/IOA/Concession/Plan Approval Number	Mining Plan approved by Joint. Director , Directorate of Geology & Mining, Govt of Maharashtra, Aurangabad
	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.)	20,000 sq.mt.
16.Deductions	Not applicable
17.Net Plot area	None
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: 28-05-2019
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	6500000

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	Stone	Nil	7500 Brass/annum	7500 Brass/annum

32.Total Water Requirement

Dry season:	**Source of water**	Water supply by Private Tanker water from nearby village
	Fresh water (CMD):	7.00
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	7.00
	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**	Not applicable
	Fresh water (CMD):	7.00
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	7.00
	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)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	00	0.90	0.90	00	0.90	0.90	00	0.70	0.70
Gardening	00	0.50	0.50	00	0.50	0.50	00	00	00
Industrial Process	00	5.60	5.60	00	5.60	5.60	00	00	00

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 15 m and 20 m bgl from 670 mRL.
	Size and no of RWH tank(s) and Quantity:	Garland drains will be made along the periphery of the top bench
	Location of the RWH tank(s):	Rainwater will be accumulated in mine pit.
	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:**	No surface water or stream present in lease area. During monsoon the water will get accumulated in working pit. The topography of the area inside the lease area is sloping towards South direction. The accumulated rain water will be pumped out and stored, which will be further used for water sprinkling on haul roads & for Plantation. Average annual rainfall of the area is 816.5 mm.
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.7
	STP technology:	Mobile toilets 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:**	12580 cu.m.
	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

Mode of Disposal of waste:	**Dry waste:**	The top soil will be used for green belt Development and overburden and waste material for making haul road and back-filled in the pit itself.
	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

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

Amount of effluent generation (CMD):	Not applicablec
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	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	None	NA	NA	NA	NA	NA

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	Nil	100 LPD	100 LPD

41.Source of Fuel	Nearby petrol pump
42.Mode of Transportation of fuel to site	Not applicable

43.Green Belt Development	**Total RG area :**	Not applicable
	No of trees to be cut :	Not applicable
	Number of trees to be planted :	660
	List of proposed native trees :	Ashoka, Bel, Pipal, Kadamb, Neem, Amba
	Timeline for completion of plantation :	660 trees will be plants in next 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	Azadirachta indica	Neem	60	Medicinal value, To control soil Erosion
2	Milletia pinnata	Karanj	125	Medicinal value, Drought tolerant species, To control soil erosion, Hardy plant.
3	Aegle Marmelos	Bel	100	Medicinal and religious value
4	Saraca asoca	Ashoka	50	Medicinal value, Drought tolerant species
5	Magnifera indica	Mango	100	Jamun or Black plum is an important summer fruit, associated with many health and medicinal benefits.
6	Ficus religiosaa	Pimpal	25	Ficus religiosa is grown by specialty tree plant nurseries for use as an ornamental tree
7	Bambusa vulgaris	Bamboo	100	It is a quick-growing, versatile
8	Neolamarckia cadamba	Kadamb	50	Created to intercept , dust, gaseous pollutants & Noise
9	Tamarindus indica	Chinch	50	Recognized for their various medicinal properties, tamarind fruit is an ideal source of all essential amino acids
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	0	0

47.Energy

Power requirement:	**Source of power supply :**	Electric power not required for stone quarry operation. Power for site office will be provided from MSEB grid.
	During Construction Phase: (Demand Load)	Not applicable
	DG set as Power back-up during construction phase	Not applicable
	During Operation phase (Connected load):	Not applicable
	During Operation phase (Demand load):	Not applicable
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	Not applicable
	Fuel used:	Not applicable
	Details of high tension line passing through the plot if any:	Not applicable

48.Energy saving by non-conventional method:

Not applicable. Day time working only

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Air Pollution	Not applicable	Mobile water sprinkling through tankers
Water Pollution	Not applicable	Mobile Toilet

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Pollution Control	Water for dust suppression	Not applicable
2	Haul Road Maintenance	Haul Road Maintenance	Not applicable
3	Green belt & Maintenance	Green belt & Maintenance	Not applicable
4	Pollution Monitoring	Air, noise, water & soil	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	Environmental Monitoring programme	Monitoring for Air, water, noise & groundwater	00	0.25
2	Air Pollution Control	Water sprinkling during mining activities	00	1.20
3	Water Pollution Control	Construction of bund along lease boundary & Mobile Toilet	0.60	0.20
4	Noise pollution	Plantation including tree guard	0.60	0.20
5	Occupational Health & safety	Periodic Health Checkups of workers	0.30	0.25
6	CSR activities	Socio-economic welfare activities in nearby villages	00	0.30

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not applicable

Parking details:	**Number and area of basement:**	Not applicable
	Number and area of podia:	Not applicable
	Total Parking area:	Not applicable
	Area per car:	Not applicable
	Area per car:	Not applicable
	Number of 2-Wheelers as approved by competent authority:	Not applicable
	Number of 4-Wheelers as approved by competent authority:	Not applicable
	Public Transport:	Not applicable
	Width of all Internal roads (m):	03 Meter wide haul road
	CRZ/ RRZ clearance obtain, if any:	Not applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	None within 10 km radius
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	None
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006.

DECISION OF SEAC

During deliberation it was observed that, PP has total land of 3.41 ha. under his possesion but PP applied for land area of only 2.0 ha. PP advised to revise application of total land under his possesion and submit revised docuemnts along with informatiaon on the following points.

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Proposed Basalt Stone Quarry (Minor Mineral Project) of M/s Patil & Patil Sons at Gat No. 434/2 Part, Pen Gramin Village, Pen, Raigad District, Maharashtra. (Total Plot Area : 4.0 Ha)

Is a Violation Case: No

1.Name of Project	M/s Patil & Patil Sons
2.Type of institution	Private
3.Name of Project Proponent	Mr. Lalit R. Patil
4.Name of Consultant	Enviro Resources
5.Type of project	Project is falling under jurisdiction of Pen Grampanchayat
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	Gat No. 434/2 Part
9.Taluka	Pen
10.Village	Pen Gramin
Correspondence Name:	Mr. Lalit R. Patil
Room Number:	House No. 7/130
Floor:	NA
Building Name:	Vaikunth Niwas, Shishak Society
Road/Street Name:	NA
Locality:	NA
City:	Pen Raigad
11.Whether in Corporation / Municipal / other area	Other Area (Project land is falling under jurisdiction of Grampanchayat)
12.IOD/IOA/Concession/Plan Approval Number	Since it is Basalt Stone Mining Project, Mining Plan has been approved by DGM, Kolhapur as per provision of Maharashtra Minor Mineral Extraction Rules, 2013
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval No MIN-Adm/503/III/2018/1108 dated 09th October 2018
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NOC from Grampanchayat is received on 14.08.2017
15.Total Plot Area (sq. m.)	40000 Sq.m. (4.00 Ha)
16.Deductions	0
17.Net Plot area	40000 Sq.m. (4.00 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.):
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: 10-04-2019
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	5500000

22.Number of buildings & its configuration

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

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Basalt Stone (Stone Metal)	0	10800	10800

32.Total Water Requirement

Dry season:	**Source of water**	Water Tankers
	Fresh water (CMD):	5.2
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.2
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	0.5	0.5	0	0.1	0.1	0	0.4	0.4
Gardening	0	3.6	3.6	0	3.6	3.6	0	0	0
Industrial Process	0	1.1	1.1	0	1.1	1.1	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Approx 10m
	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:**	The slope of the area is from North-East to South-West within the Project Site. The run-off will be maintained by providing garland drains around the quarry boundary to maintain the natural pattern.
	Quantity of storm water:	Around 25 m3/hr of storm water will be generated within the lease area
	Size of SWD:	The runoff will be connected to garland drain
Sewage and Waste water	**Sewage generation in KLD:**	0.4
	STP technology:	Not Applicable; Septic Tank Followed by Soak pits will be provided
	Capacity of STP (CMD):	Not Applicable
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	0.55 Lacs
	Budgetary allocation (O & M cost):	0.34 Lacs
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:**	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:	Total overburden of 214922 tons will be genrated during proposed quarry operation of 5 years

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:	Overburden from mining Operation will be utilize for development and maintenance of internal roads, greenbelts and for filling of empty pits during course of mine closure
Area requirement:	**Location(s):**	Overburden will be stored along the lease boundry, close to green belt area
	Area for the storage of waste & other material:	Not Applicable
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Amount of effluent generation (CMD):	Not Applicable
Capacity of the ETP:	Not Applicable
Amount of treated effluent recycled :	Not Applicable
Amount of water send to the CETP:	Not Applicable
Membership of CETP (if require):	Not Applicable
Note on ETP technology to be used	Not Applicable
Disposal of the ETP sludge	Not Applicable

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	Not Applicable	10 liter/day	10 liter/day

41.Source of Fuel	Local
42.Mode of Transportation of fuel to site	Fuel storage cans through vehicle

43.Green Belt Development	**Total RG area :**	5955 Sq.m. (0.59 Ha)
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	74
	List of proposed native trees :	Neem, Mango, Sagon, Bargad, Sheesham, Peepal
	Timeline for completion of plantation :	Plantation will be done after grant of EC and Mining Lease

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	Azadirachta Indica	Neem	12	Tolerant to SO2
2	Mangifera indica	Mango	12	Tolerant to Dust control
3	Tectona grandis	Sagon	12	Tolerant to Dust control
4	Ficus benghalensis	Bargad	12	Tolerant to Dust control
5	Dalbergia sisoo	Sheesham	12	Dust particles absorbance
6	Ficus religiosa	Peepal	14	Dust particles absorbance
45.Total quantity of plants on ground				

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

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

47.Energy

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

48.Energy saving by non-conventional method:

Not Applicable

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Dust generation due to internal vehicular Movement	Not Applicable	Sprinkling of water will be done to to avoid dust nuisance
PM generation due to drilling and blasting operation	Not Applicable	Sprinkling of water will be done to to avoid dust nuisance
Emissions from Vehicles	Not Applicable	PUC certified vehicles will be used
Noise generation	Not Applicable	PPEs will be provided for workers, maintenance of equipment's will be done to avoid higher noise level

Water/ soil pollution due to direct discharge of sewage water on land	Not Applicable	Septic tank followed by soak pits will be provided

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 Environment	Dust suppression system, Water Sprinklers, Provision of Tarpaulin, PUC for vehicles	0.00	2.94
2	Water Environment	on-site temporary sanitation facilities & septic tank followed by soak pit	0.55	0.34
3	Noise Environment	Maintenance of Vehicle and machineries	0.00	0.25
4	Soil Environment	Construction and & Maintenance of Garland to avoid soil erosion during monsoon period	0.30	0.10
5	Environment Monitoring & Management	Monitoring of AAQ & Ground Water	MoEF or NABL Accredited Laboratory	0.50
6	Occupational Health & Safety	Provision of new PPEs for workers, Safety training for workers, Periodic Medical Checkup, First Aid	0.47	0.29
7	Green Belt	Green Belt development and its maintenance	0.37	0.85
8	Roads	Development & Maintenance of Access Road	2.04	0.90
9	Mine Closure	Implementation of Mine closure plan	2.00	0.00

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not ApplicablNot Applicablee	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):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	1 (a) Category B2
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable
	Have you previously submitted Application online on MOEF Website.	No

	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP submitted their application for prior Environment Clearance under category 1(a)B2 of the EIA Notification,2006 , as amended from time to time for the stone quarry having area of 4.00 ha. at Pen Gramin Gut No. 434/2 (p) , Taluka Pen, District Raigad.

The proposal was considered in the 165th meeting of SEAC-1 held on 04.05.2019 where in the proposal was deferred with following remarks,

"During deliberations, it was observed that, PP has not submitted District Survey Report (DSR) along with the proposal.

In view of above, SEAC-1 decided to defer the proposal till submission of all requisite documents. Concerned District Mining Office shall remain present at the time of appraisal."

DECISION OF SEAC

During deliberations it was observed that, PP was not having adequate information to present the case.

Hence, SEAC-1 decided to defer the proposal till PP submits information on the of follwing points,

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for Proposed Basalt Stone Quarry (Minor Mineral Project) of M/s Harshada Stone Crushing Co. at Gat No: 31/1 Part, Nagzari Village, Panvel Raigad on total lease area of 3.20 Ha

Is a Violation Case: No

1.Name of Project	Harshada Stone Crushing Co.
2.Type of institution	Private
3.Name of Project Proponent	Mr. Abhimanyu Narayan Patil
4.Name of Consultant	Enviro Resources
5.Type of project	NA
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	Gat No. 31/1 Part
9.Taluka	Panvel
10.Village	Nagzari
Correspondence Name:	Mr. Abhimanyu Narayan Patil
Room Number:	--
Floor:	--
Building Name:	--
Road/Street Name:	--
Locality:	Nagzari
City:	Panvel, Raigad
11.Whether in Corporation / Municipal / other area	Other Area (Project Land is falling under jurisdiction of Grampanchayat)
12.IOD/IOA/Concession/Plan Approval Number	Since it is Basalt Stone Mining Project, Mining Plan has been approved by DGM, Kolhapur as per provision of Maharashtra Minor Mineral Extraction Rules, 2013
	IOD/IOA/Concession/Plan Approval Number: Mining Plan Approval No. MIN-Adm/503/III/2018/1057 dated 24th September 2018
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NOC from Grampanchayat is received on 05.09.1998
15.Total Plot Area (sq. m.)	32000 Sq.m. (3.20 Ha)
16.Deductions	0
17.Net Plot area	32000 Sq.m. (3.20 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: 10-04-2019
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	5000000

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
2	Not applicable	Not applicable	Not applicable

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	NA
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Weathered Basalt Stone	8100	0	8100

32.Total Water Requirement

Dry season:	**Source of water**	Water Tankers
	Fresh water (CMD):	4.55
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4.55
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	0.5	0.5	0	0.1	0.1	0	0.4	0.5
Gardening	0	1.35	1.35	0	1.35	1.35	0	0	0
Industrial Process	0	2.7	2.7	0	2.7	2.7	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Approx 8 m
	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:**	The slope of area is from east to west within project site. The run-off will be maintained by providing garland drains around the quarry boundary
	Quantity of storm water:	Around 13 M3/Hr of storm water will be generated within the lease area
	Size of SWD:	The runoff will be connected to the garland drain
Sewage and Waste water	**Sewage generation in KLD:**	0.4
	STP technology:	Not Applicable; Septic Tank followed by Soak pits will be provided
	Capacity of STP (CMD):	Not Applicable
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	0.55 Lacs
	Budgetary allocation (O & M cost):	0.32 Lacs
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:**	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:	Total overburden of 22967 tons will be generated during proposed quarry operation of 5 years

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:	Overburden from mining Operation will be utilize for development and maintenance of internal roads, greenbelts and for filling of empty pits during course of mine closure
Area requirement:	**Location(s):**	Overburden will be stored along the lease boundry, close to green belt area
	Area for the storage of waste & other material:	Not Applicable
	Area for machinery:	Not Applicable
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Not Applicable
	O & M cost:	Not Applicable

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Amount of effluent generation (CMD):	Not Applicable
Capacity of the ETP:	Not Applicable
Amount of treated effluent recycled :	Not Applicable
Amount of water send to the CETP:	Not Applicable
Membership of CETP (if require):	Not Applicable
Note on ETP technology to be used	Not Applicable
Disposal of the ETP sludge	Not Applicable

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Not Applicable	Not Applicable	Not Applicable	Not Applicable

41.Source of Fuel	Not Applicable
42.Mode of Transportation of fuel to site	Not Applicable

43.Green Belt Development	**Total RG area :**	7250 Sq.m. (0.725 Ha)
	No of trees to be cut :	Not Applicable
	Number of trees to be planted :	90
	List of proposed native trees :	Neem, Mango, Sagon, Bargad, Sheesham, Peepal
	Timeline for completion of plantation :	Plantation will be done after grant of EC and lease or during monsoon 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	Azadirachta indica	Neem	15	Tolerant to SO2
2	Mangifera indica	Mango	15	Tolerant to Dust control
3	Tectona grandis	Sagon	15	Tolerant to Dust control
4	Ficus benghalensis	Bargad	15	Tolerant to Dust control
5	Dalbergia sisoo	Sheesham	15	Dust particles absorbance
6	Ficus religiosa	Peepal	15	Dust particles absorbance
45.Total quantity of plants on ground				

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

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

47.Energy

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

48.Energy saving by non-conventional method:

Not Applicable

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Dust generation due to vehicular movement	Not Applicable	Sprinkling of water will be done to avoid dust nuisance
PM Generation due to drilling and blasting operation	Not Applicable	Sprinkling of water will be done to avoid dust nuisance
Emissions from Vehicles	Not Applicable	PUC certified vehicles will be used
Noise generation	Not Applicable	PPEs will be provided for workers, maintenance of equipment's will be done to avoid higher noise level

Water/ soil pollution due to direct discharge of sewage water on land	Not Applicable	Septic tank followed by soak pits will be provided

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 Environment	Dust suppression system, Water Sprinklers, Provision of Tarpaulin, PUC for vehicles	0.00	2.28
2	Water Environment	on-site temporary sanitation facilities	0.55	0.32
3	Noise Environment	Maintenance of Vehicle and machineries	0.00	0.22
4	Soil Environment	Construction and & Maintenance of Garland to avoid soil erosion during monsoon period	0.35	0.15
5	Environment Monitoring & Management	Monitoring of AAQ & Ground Water	MoEF or NABL Accredited Laboratory	0.50
6	Occupational Health & Safety	Provision of new PPEs for workers, Safety training for workers, Periodic Medical Checkup, First Aid	0.50	0.20
7	Green Belt	Green Belt development and its maintenance	0.34	0.97
8	Maintenance of Road and its further development	Development & Maintenance of Access Road	2.50	0.50
9	Mine Closure	Implementation of Mine closure plan	1.60	0.00

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Not Applicable
Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	6 m
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	1 (a) Category B2
	Court cases pending if any	Not Applicable
	Other Relevant Informations	Not Applicable

	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

PP submitted their applocation for prior Environment Clearance under category 1(a)B2 of the EIA Notification,2006 , as amended from time to time for the stone quarry having area of 3.20 ha. at Nagzari Gut No. 31/1 (p) , Taluka Panvel, District Raigad.

The proposal was considered in the 165th meeting of SEAC-1 held on 04.05.2019 wherein the proposal was deferred with following remarks.

"During deliberations, it was observed that, PP has not submitted District Survey Report (DSR) along with the proposal.

In view of above, SEAC-1 decided to defer the proposal till submission of all requisite documents. Concerned District Mining Office shall remain present at the time of appraisal."

DECISION OF SEAC

During deliberations, it was observed that, PP was not having adequate information to present the case.

Hence, SEAC-1 decided to defer the proposal till PP submits information on the following points.

Specific Conditions by SEAC:

1) PP to submit copy of the credible document in respect of record of right in support of the fact that the Proponent is the rightful owner/ lessee of the proposed mine area.
2) DMO shall submit Regional Mining Plan including list of existing operational quarries with their areas and production potential along with status of EC, list of existing quarries operational under temporary permit, list of old/abandoned/closed mines along with status of mine closure as per approved mining plan or guidelines, list of proposed quarries included in the District Survey Report along with their area and mining potential etc. DMO shall also submit details of quarries operating in the district without obtaining Environmental Clearance along with action taken report.
3) PP to submit certificate with respect to the cluster formation in the proposed quarry area through District Mining Office along with drawing of the proposed area.
4) PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.
5) PP to ensure that, no existing excavation is being carried out on proposed site without obtaining prior Environmental Clearance, if such excavation is observed on the site DMO shall carry out the investigation of the same to ascertain whether the excavation was carried out after obtaining requisite permissions from the competent Authority, If no, the appropriate legal action shall be initiated against the defaulter and submit detailed report through concern Collector/ Additional Collector.
6) All documents including approved mine plan, District Survey Report, EIA / EMP and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.
7) All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ topo sheet, topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).
8) The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.
9) Details of any stream, seasonal or otherwise, passing through the lease area and modification /diversion proposed, if any, and the impact of the same on the hydrology should be brought out.
10) A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.
11) Impact on local transport infrastructure due to the Project should be indicated. Projected increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.
12) PP to ensure that, uniform information is given in the ownership documents, Form – 1M, Pre-feasibility Report , Consolidated Statement, Approved Mining Plan, District Survey Report and presentation etc.

FINAL RECOMMENDATION

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

170th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 170th - Day-2 **Meeting Date** October 24, 2019

Subject: Environment Clearance for It is proposed to expand the production capacity of M.S. Billets from 23,100 TPA to 1,45,200 TPA; TMT Bars from 60,000 TPA to 1,44,000 TPA; M.S. Pipes from 30,000 TPA to 96,000 TPA

Is a Violation Case: No

1.Name of Project	M/s. Diwanka Energy Private Limited
2.Type of institution	Private
3.Name of Project Proponent	Priyank Diwanka
4.Name of Consultant	Pollution And Ecology Control Services
5.Type of project	Industry Project
6.New project/expansion in existing project/modernization/diversification in existing project	New/Expansion project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	At Survey no. 149,150,151
9.Taluka	Mouda
10.Village	Lapka
11.Whether in Corporation / Municipal / other area	Lapka Gram Panchayat in Nagpur Metro Region Development Authority
12.IOD/IOA/Concession/Plan Approval Number	The layout plan for expansion phase will be approved by Nagpur Metro Region Development Authority. in addition to existing shed of about 4000 sq.m. another shed of about 4000 to 5000 sq.m. will be constructed.
	IOD/IOA/Concession/Plan Approval Number: Not Applicable
	Approved Built-up Area: 4000
13.Note on the initiated work (If applicable)	Not Applicable, work will be initiated after receipt of Environmental Clearance & Consent to Establish
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	44,400.00 sq mt
16.Deductions	In internal road, open space, margin from boundary wall & plantation.
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.): 4000
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval:
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	750000000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	One industrial shed area	1	15 Mtr.

23.Number of tenants and shops	Not applicable

24.Number of expected residents / users	About 340-350 no. users including worker & staff after expansion.
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)	10 m approach road form NH-6 (30 m. Wide)
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Possibility will be explored to maintain minimum turning radius of 6 mtr.
29.Existing structure (s) if any	Existing Industrial shed where Induction Furnace, Rolling Mill and Tube Mill are installed. Proposed expansion will be carried out in existing shed and additional shed by installing additional furnace of 1 x 7 TPH & 2 x 15 TPH and 2 no. of Rolling Mill and 7 no. of Tube Mill.
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	M. S. Billets	1925	10175	12100
2	TMT Bars	5000	7000	12000
3	M.S. Pipes	2500	5500	8000

32.Total Water Requirement

Dry season:	**Source of water**	Ground Water
	Fresh water (CMD):	101
	Recycled water - Flushing (CMD):	5.5
	Recycled water - Gardening (CMD):	8.0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	170
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	00

Wet season:	**Source of water**	Ground Water
	Fresh water (CMD):	101
	Recycled water - Flushing (CMD):	5.5
	Recycled water - Gardening (CMD):	00
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	162
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	00
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	2.5	12.5	15	0.5	2.5	3.0	2.0	10.0	12.0
Industrial Process	20	47	67	4	9	13	16	38	54
Cooling tower & thermopack	23	57	80	23	57	80	00	00	00
Gardening	1.0	7.0	8.0	1.0	7.0	8.0	00	00	00

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Pre Monsoon 2.5-5.0 bgl , Post Monsoon 2.0-4.50 bgl.
	Size and no of RWH tank(s) and Quantity:	Will be elaborated in final EIA report.
	Location of the RWH tank(s):	Will be elaborated in final EIA report.
	Quantity of recharge pits:	Will be elaborated in final EIA report.
	Size of recharge pits :	Will be elaborated in final EIA report.
	Budgetary allocation (Capital cost) :	--
	Budgetary allocation (O & M cost) :	--
	Details of UGT tanks if any :	A underground tank is there for fire fighting as per norms. Additional tank if required will be constructed.

35.Storm water drainage	**Natural water drainage pattern:**	Storm water drain will be constructed around the plant area
	Quantity of storm water:	Will be elaborated in final EIA report.
	Size of SWD:	Will be elaborated in final EIA report.
Sewage and Waste water	**Sewage generation in KLD:**	12 KLD
	STP technology:	MBBR Technology packaged type.
	Capacity of STP (CMD):	1 No. 15 KLD capacity
	Location & area of the STP:	Within the plot area
	Budgetary allocation (Capital cost):	Rs. 20 Lacs
	Budgetary allocation (O & M cost):	Rs. 2.0 Lacs per annum

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Construction waste debris
	Disposal of the construction waste debris:	will be utilized in making of internal road
Waste generation in the operation Phase:	**Dry waste:**	Slag , Tail cuttings & Fly Ash
	Wet waste:	NA
	Hazardous waste:	Used Oil
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Yes
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	Slag will be used for Hardening of working area, internal road, brick manufacturers, Concreting and Tail Cuttings will be recycled and reused in the Induction Furnace. Fly ash will be sold to brick manufacturer.
	Wet waste:	NA
	Hazardous waste:	Used oil will be sold to authorized recycler vendor
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as manure
	Others if any:	NA
Area requirement:	**Location(s):**	Within a Plant Boundary
	Area for the storage of waste & other material:	About 600 - 700 sq. m. will be reserved for storing slag, tail cutting and fly ash.
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		54 KLD			
Capacity of the ETP:		60 KLD			
Amount of treated effluent recycled :		54 KLD			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		Settling tank will be constructed for treatment of waste water			
Disposal of the ETP sludge		NA			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used Oil	NA	NA	NA	NA	NA	Secondary use and sale to recycler

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Induction Furnace	Electricity	1	30	1.6	50 degree centigrade

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Electricity	2 Mw	20 Mw	22 Mw
2	Coal	NA	12000 TPA	12000 TPA
41.Source of Fuel		Electricity from State Electricity Board and Coal from local suppliers		
42.Mode of Transportation of fuel to site		Electricity form transmission line and Coal by tarpaulin covered trucks.		

43.Green Belt Development

Total RG area :	33 % of the total plot area
No of trees to be cut :	00
Number of trees to be planted :	till date about 50 nos. trees are planted and 750 nos. of plant to be planted
List of proposed native trees :	Ashoka, Peepal, Gulmohar, Neem
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	Saraca Asoca	Ashoka	200	deciduous
2	Ficus Religiosa	Peepal	200	semi-deciduous

3	Delonix Regia	Gulmohar	200	semi-deciduous
4	Azardirachta indica	Neem	200	semi-deciduous
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 :**	State Electricity Board
	During Construction Phase: (Demand Load)	Maximum 100 KVA
	DG set as Power back-up during construction phase	Nil
	During Operation phase (Connected load):	22 MW
	During Operation phase (Demand load):	20 MW
	Transformer:	Yes
	DG set as Power back-up during operation phase:	NA
	Fuel used:	Electricity & Coal, in entire process electricity is main fuel.
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Possibilities will be explore to minimize the power consumption by adopting best possible process, equipment etc.

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
Induction Furnace and Rolling mill	Bag Filters and Fume extraction system	Proposed to be Installed Wet scrubbers and Bag Filters

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Pollution	Particulate matter	Rs. 1.00 Lac

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	Wet Scrubber, Bag Filters, Water Sprinkler System	Rs.40 Lac	Rs.4 Lac
2	Water Pollution Control	STP & ETP	Rs.20 lac and Rs.10 Lac	Rs.2 lac and Rs.1 Lac
3	Solid Waste Management	Handling and Disposing	Rs.10 lac	Rs.3 lac
4	Green Belt	Plantation	Rs.5 Lac	Rs.0.5 Lac
5	Environmental Monitoring	Air quality, Water and Wastewater Quality, Noise levels, Soil quality	--	Rs.5 Lac

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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:	The proposed site is located about 200 m away from NH-6 of 30 m. width.

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	5328 Sq.m.
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	35 to 40 trucks/day will be operated after commissioning of proposed unit for transportation of raw material and finished product.
	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	3(a)
	Court cases pending if any	NA
	Other Relevant Informations	Application for the TOR
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

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

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 3(a)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR isused by MoEF & CC published in April, 2015. PP has obtianed earleir EC vide No. SEAC-2016/CR-242/TC-1 dated 12.05.2017.

Public Hearing is applicable as per EIA Notification, 2006.

The propoal was considered in the 140th meeting of SEAC-1 held on 20.07.2017 wherein ToR was granted to the PP for the preparation EIA/EMP report.

DECISION OF SEAC

PP requested to postpone the case hence deferred.

Specific Conditions by SEAC:

1) PP to submit lay out plan showing internal roads, location of pollution control equipment, parking areas, 33% green belt, rain water harvesting etc.
2) PP to submit their plan for sustained water supply either from MIDC or from rain water harvesting along with calculations.
3) PP to submit slag disposal plan.
4) PP to submit their plan for reuse, recycle, disposal of fly ash.
5) PP to submit copy of on site/ off site emergency plan.
6) PP to carry out life cycle analysis to identify sustainability index, ozone depletion and green house potential.
7) PP to submit details of proposed CSR activities in consultation with the district collector.
8) PP to submit Traffic Impact Study commenting on existing traffic in side and out side, proposed traffic increase and its impact of near by road and mitigation measures.

FINAL RECOMMENDATION

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