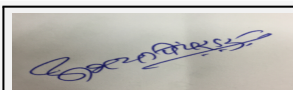
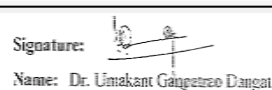


180th Meeting of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day - 3)**SEAC Meeting number: 180 Meeting Date March 4, 2020****Subject:** Environment Clearance for Stone Quarry (Minor Mineral), Survey No. 234 (P), Village - Babhulgaon, Taluka - Indapur, District - Pune**Is a Violation Case:** 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**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 180 Meeting Date: March 4, 2020****Page 1 of 25****Dr. Umakant Dangat (Chairman SEAC-I)**

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	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



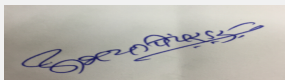
Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 2 of 25

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

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								

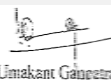


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 3 of 25

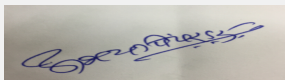
Signature:



Name: Dr. Umakant Gangotree Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

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 road 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		

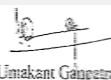


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 4 of 25

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

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

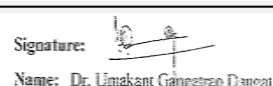
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Mangifera indica	Mango	150	Created to intercept dust, gaseous pollutants, noise and fruits
2	Azadirachta indica	Kadulimb	150	Created to intercept dust, gaseous pollutants and noise



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 5 of 25



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

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,



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 6 of 25

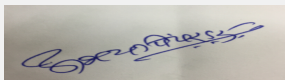
Signature: 
Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

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					
1	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 (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
52.Any Other Information							
No Information Available							
53.Traffic Management							
Nos. of the junction to the main road & design of confluence:		Not Applicable					

Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	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	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
Water Budget	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to confirm to the standards prescribed by MoEF&CC and CPCB.
Drainage pattern of the project	PP not to obstruct any natural stream the garland drains shall be designed considering the contour levels on site so as to reach rain water to the mined pit or to the natural course exists on site.
Ground water parameters	Not Applicable



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

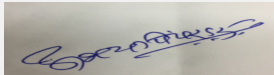
Page 8 of 25



Dr. Umakant Dangat (Chairman SEAC-I)

Solid Waste Management	PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area.
Air Quality & Noise Level issues	PP proposes to construct pakka approach road, water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
Energy Management	Not Applicable
Traffic circulation system and risk assessment	PP to provide adequate load bearing capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP proposes capital EMP cost of Rs. 32.00 Lakhs and recurring cost of EMP is Rs. 9.10 Lakhs
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time

Brief information of the project by SEAC



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 9 of 25

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was earlier considered in the 170th meeting held on 24.10.2019 wherein the proposal was deferred till submission of compliance of following points,

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.

Now PP submitted compliance of above points

DECISION OF SEAC



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

**SEAC Meeting No: 180 Meeting Date: March 4,
2020**

**Page 10
of 25**

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

The total area proposed for stone quarrying is 1.00 Ha. DMO submitted the cluster certificate indicating no formation of cluster.

PP proposes capital EMP cost of Rs. 32.00 Lakhs and recurring cost of EMP is Rs. 9.10 Lakhs

Specific Conditions by SEAC:

- 1) PP to get proposed mine area and 7.5 meter wide safety zone demarcated in presence of DMO before taking any effective steps on site.
- 2) PP to develop green belt by planting 3000 nos. of indigenous trees within the plot area with facility of drip irrigation and 600 nos. of indigenous trees along the approach road before taking any effective steps on site.
- 3) PP to appoint qualified fore man as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.
- 4) PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident. PP to plant trees along the road.
- 5) PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
- 6) PP to provide First Aid facility at the proposed mining site.
- 7) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
- 8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
- 9) PP along with revenue and forest department shall conduct a joint tree survey and if any trees needs to be cut PP shall ensure compensatory afforestation is to be done as per prevailing rules with the help of Forest Department. PP to transplant the trees to be cut within the non-mine area of the proposed plot.
- 10) The mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
- 11) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
- 12) PP to ensure that no mining shall be done below the depth as approved in the mining plan.
- 13) PP to ensure that, the quarrying is proposed above the level of aquifer to avoid the ground water contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water.
- 14) PP to ensure no stream is diverted due to proposed quarrying activity.
- 15) PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.
- 16) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
- 17) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.
- 18) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.
- 19) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter.
- 20) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
- 21) PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
- 22) PP to ensure that adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.
- 23) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
- 24) The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 25) PP to provide solar energy, sanitation facility in the Z.P. School in village Babbhulgaon from CER funds (Rs. 2.0 Lakhs) in consultation with the District Authority.
- 26) The District Collector shall ensure proper approach road to the proposed quarry area before granting final mining lease.
- 27) The District Collector shall ensure that, the proposed quarry area doesn't falls in the Eco Sensitive area notified by the Government before granting final mining lease.
- 28) If the proposed stone quarry mining site is situated within distance of 10 KMs from the Notified Wild Life Sanctuary , then, The District Collector shall ensure that, final mining lease to the PP is issued only after clearance from concern Competent Authority of Forest Department (Wild Life) for cutting of tress and non-forest use of the land


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

**SEAC Meeting No: 180 Meeting Date: March 4,
2020**

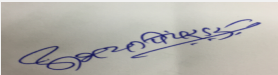
**Page 11
of 25**

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

FINAL RECOMMENDATION

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

SEAC-AGENDA-00000000409



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

**SEAC Meeting No: 180 Meeting Date: March 4,
2020**

**Page 12
of 25**

Signature:

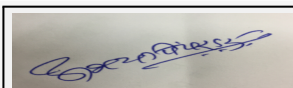


Name: Dr. Umakant Gangotree Dangat

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

180th Meeting of State Level Expert Appraisal Committee - 1 (SEAC-1) (Day - 3)**SEAC Meeting number: 180 Meeting Date March 4, 2020****Subject:** Environment Clearance for Basalt stone quarry of M/s Balaji Stone Traders & Co., located at the survey No. 141 Part, 143,144 Part & 145 Part in village Musarne, Taluka Wada, District Palghar, Maharashtra**Is a Violation Case:** No

1.Name of Project	M/s Balaji Stone Traders & Co.
2.Type of institution	Private
3.Name of Project Proponent	Shri. Nagesh Shivraj Itkar
4.Name of Consultant	M/s Sadekar Enviro Engineers Pvt. Ltd.
5.Type of project	Others - Basalt Stone Mining
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Survey No. 141 Part, 143,144 Part & 145 Part
9.Taluka	Wada
10.Village	Musarne
Correspondence Name:	Shri. Nagesh Shivraj Itkar
Room Number:	B-1203
Floor:	--
Building Name:	Obero Gardens
Road/Street Name:	--
Locality:	Thakur Village
City:	Kandivali East
11.Whether in Corporation / Municipal / other area	Other. Gram Panchayat Musarne
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 49900
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	49900
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.): 00
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Not applicable Approved Non FSI area (sq. m.): Not applicable Date of Approval: 24-10-2016
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	9500000

22.Number of buildings & its configuration**Abhay Pimparkar (Secretary SEAC-I)****SEAC Meeting No: 180 Meeting Date: March 4, 2020****Page 13
of 25**

Signature:



Name: Dr. Umakant Gangotree Dangat

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Basalt Stone	--	8000	8000

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



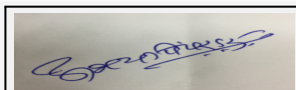
Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 14 of 25

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

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	
Industrial Process	--	4.6	4.6	--	4.6	4.6	--	0	0	
Gardening	--	11.42	11.42	--	11.42	11.42	--	0	0	
34.Rain Water Harvesting (RWH)	Level of the Ground water table:	0.50 to 14.60 m.bgl								
	Size and no of RWH tank(s) and Quantity:	Not Applicable								
	Location of the RWH tank(s):	Not Applicable								
	Quantity of recharge pits:	Not Applicable								
	Size of recharge pits :	Not Applicable								
	Budgetary allocation (Capital cost) :	Not Applicable								
	Budgetary allocation (O & M cost) :	Not Applicable								
	Details of UGT tanks if any :	Not Applicable								



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 15
of 25

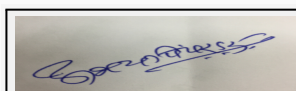
Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

35.Storm water drainage	Natural water drainage pattern:	The slope of the area is towards east. The run-off will be maintained by providing garland drains around the quarry boundary to maintain the natural pattern.
	Quantity of storm water:	Around 1122.75 m3/hr of storm water will be generated within the lease area.
	Size of SWD:	The runoff will be connected to garland drains
Sewage and Waste water	Sewage generation in KLD:	0.36 KLD
	STP technology:	Bio Toilets will be provided.
	Capacity of STP (CMD):	1 no. of Bio Toilet will be provided
	Location & area of the STP:	Within Lease Area
	Budgetary allocation (Capital cost):	40000
	Budgetary allocation (O & M cost):	10000
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Overburden generated will be stored in the designated area within lease boundary. The overburden will be used for backfilling the quarry pit at the time of mine closure.
	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:	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):	Overburden will be backfilled in the mine pit 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		



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 16 of 25

Signature:



Name: Dr. Umakant Gangotree Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

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

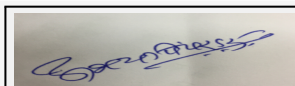
Not Applicable

43.Green Belt Development

Total RG area :	0.88 Ha
No of trees to be cut :	Nil
Number of trees to be planted :	Around Lease Area = 1320 nos, Around Haul Road = 306 nos
List of proposed native trees :	Mentioned in below table.
Timeline for completion of plantation :	5 Years

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

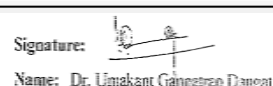
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Syzygiumcumini	Jambul	432	Deep rooted tree and good for pollution abatement
2	Mangifera indica	Mango	330	Deep rooted tree and good for pollution abatement



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 17 of 25



Dr. Umakant Dangat (Chairman SEAC-I)

3	Delonix regia	Gulmohar	432	Deep rooted tree and good for pollution abatement
4	Azadirachta indica	Neem	432	Deep rooted tree and good for pollution abatement

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

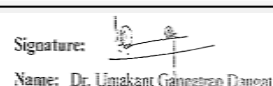
Source	Existing pollution control system	Proposed to be installed
Dust Pollution	--	Sprinkling will be done on the haul roads. Mist spraying will be done to keep the stone wet to prevent escape of fugitive emissions. A thick green belt will be maintained around the lease area and on both sides of the haul roads.
Noise Pollution	--	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.



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 18 of 25



Dr. Umakant Dangat (Chairman SEAC-I)

Solid waste pollution	--	The overburden will be used for green belt development, surplus will be backfilled in the pit and afforestation will be done.
Sewage Pollution	--	Bio Toilet 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 Pollution	Sprinkling of water on quarry and haul roads	--	1.0
2	Air Pollution & Noise Pollution	Thick green belt development	1.5	0.2
3	Reclamation of pit area	Afforestation will be done in the pit area	1.0	0.2
4	Sewage Pollution	Bio Toilet will be provided	0.4	0.1

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

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

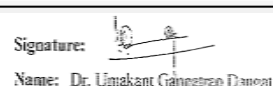
Nos. of the junction to the main road & design of confluence:	Not Applicable
---	----------------



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 19 of 25

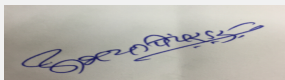


Name: Dr. Umakant Dangat
Dr. Umakant Dangat (Chairman SEAC-I)

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 meters
	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	Schedule 1 (a), Category - B2
	Court cases pending if any	Nil
	Other Relevant Informations	Nil
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

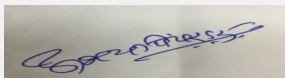
Page 20 of 25



Dr. Umakant Dangat (Chairman SEAC-I)

Solid Waste Management	PP to ensure proper disposal of solid waste as approved by the competent Authority. No nuisance of the waste be created in and around the proposed mine area.
Air Quality & Noise Level issues	PP proposes to construct pakka approach road, water sprinkling for the control of dust pollution. PP proposes to ensure PUC of the vehicles transporting mined material.
Energy Management	Not Applicable
Traffic circulation system and risk assessment	PP to provide adequate load bearing capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	NA
Environmental Management Plan	The capital EMP cost will be Rs. 25.00 Lakhs and recurring EMP cost will be Rs. 9.25 Lakhs.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time

Brief information of the project by SEAC



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 180 Meeting Date: March 4, 2020

Page 21 of 25

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat (Chairman SEAC-I)

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 4.99 ha at Musrane S. No. 143, 144, 145(p), Taluka Wada, District Palghar.

The proposal was considered in the 165th meeting of SEAC-1 held on 04.05.2019 wherein following decision was taken,

"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."

The proposal was considered in the 165th meeting of SEAC-1 held on 04.05.2019 wherein PP remained absent.

The proposal was considered in the 168th meeting wherein the proposal was deferred till submission of compliance of following points.

PP to correct consolidated statement (CS) and ensure uniform information in the Form-1M, PFR, CS and presentation.

2. PP to include their name, proposed quarry land locations and its area in the DSR and submit revised copy of DSR.

3. It was observed from the Google image that, excavation was already carried out on site for which PP was not able to give proper justification. Hence, DMO is directed to conduct site inspection and carry out investigation whether the excavation/mining on site is carried out with requisite permission from the Competent Authority. DMO shall submit investigation report through the District Collector/ Additional Collector.

4. PP to submit documents related to the registration of the company and record of rights of the proposed mining site in their favour.

5. PP to submit revised impact and mitigation measures.

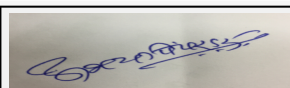
7. PP to submit itemwise cost of expenses in the revised EMP.

Now PP submitted compliance of above points.

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 180 Meeting Date: March 4, 2020	Page 22 of 25	 Name: Dr. Umakant Gangotree Dangat Dr. Umakant Dangat (Chairman SEAC-I)
--	---	--------------------------	--

DECISION OF SEAC

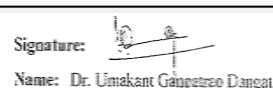
SEAC-AGENDA-00000000409



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

**SEAC Meeting No: 180 Meeting Date: March 4,
2020**

**Page 23
of 25**



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

After deliberations with the PP and their consultant, SEAC-1 decided to recommend the proposal for prior Environmental Clearance subject to the following conditions.

The capital EMP cost will be Rs. 25.00 Lakhs and recurring EMP cost will be Rs. 9.25 Lakhs.

Specific Conditions by SEAC:

- 1) The District Collector before issuing final lease document shall ensure that, the proposed land is occupant class - 1 without any encumbrance.
- 2) PP to develop green belt by planting 3000 nos. of indigenous trees within the plot area with facility of drip irrigation and 800 nos. of indigenous trees along the approach road before taking any effective steps on site.
- 3) PP to appoint qualified fore man as a Mine Manager approved by Director General of Mines to ensure safety of the staff/labors appointed at mine site.
- 4) PP to prepare adequate capacity approach roads to the proposed mine area so as to ensure safe plying of the heavy vehicles engaged on mine site for transport of mined material and to avoid any unforeseen accident. PP to plant trees along the road.
- 5) PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
- 6) PP to provide First Aid facility at the proposed mining site.
- 7) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
- 8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
- 9) PP along with revenue and forest department shall conduct a joint tree survey and if any trees needs to be cut PP shall ensure compensatory afforestation is to be done as per prevailing rules with the help of Forest Department. PP to transplant the trees to be cut within the non-mine area of the proposed plot.
- 10) The mining lease holder shall, after ceasing mining operations, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.
- 11) PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
- 12) PP to ensure that no mining shall be done below the depth as approved in the mining plan.
- 13) PP to ensure that, the quarrying is proposed above the level of aquifer to avoid the ground water contamination/degradation of water quality of aquifer. PP to take adequate measures/precautions to avoid contamination /degradation of ground water.
- 14) PP to ensure no stream is diverted due to proposed quarrying activity.
- 15) PP to ensure that mining/ loading activity shall be restricted to day hours' time only. No mining activity shall be carried out after sunset and before sun rise.
- 16) PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
- 17) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.
- 18) PP to adhere to the provisions stipulated Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013, guidelines issued by MoEF&CC and any other legal requirements as applicable to the proposed activity.
- 19) PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector should strictly monitor the compliance of the conditions stipulated in the Environment Clearance letter.
- 20) PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
- 21) PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
- 22) PP to ensure that, adequate measures like maintenance of roads, sprinkling of water and plantation is carried out to reduce the dust particulate matter pollution.
- 23) PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
- 24) The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
- 25) PP to provide solar energy, sanitation facility in the Z.P. School in village Musarne from CER funds (Rs. 5.0 Lakhs) in consultation with the District Authority.
- 26) The District Collector shall ensure proper approach road to the proposed quarry area before granting final mining lease.
- 27) The District Collector shall ensure that, the proposed quarry area doesn't falls in the Eco Sensitive area notified by the Government before granting final mining lease.
- 28) If the proposed stone quarry mining site is situated within distance of 10 KMs from the Notified Wild Life Sanctuary , then, The District Collector shall ensure that, final mining lease to the PP is issued only after clearance from concern Competent Authority of Forest Department (Wild Life) for cutting of tress and non-forest use of the land
- 29) PP to get proposed mine area and 7.5 meter wide safety zone demarcated in presence of DMO before taking any effective steps on site.


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

**SEAC Meeting No: 180 Meeting Date: March 4,
2020**

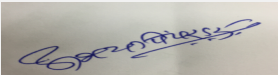
**Page 24
of 25**


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

FINAL RECOMMENDATION

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

SEAC-AGENDA-00000000409



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

**SEAC Meeting No: 180 Meeting Date: March 4,
2020**

**Page 25
of 25**



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