178th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 178th - Day-2 **Meeting Date** February 18, 2020

Subject: Environment Clearance for Environment Clearance for Opencast mining project of M/s. Royal Pottery Ceramics Industries proposed increase in production capacity from125000 TPA to 619030.4 TPA of Laterite. Survey No. 111 & 115, Area 33.03 Ha, at Village: Markagondi, Tahsil: Jiwati, District: Chandrapur, Maharashtra

Is a Violation Case: No

1.Name of Project	Royal Pottery Ceramics Industries Laterite Mining Project at Markagondi
2.Type of institution	Private
3.Name of Project Proponent	Mr. Abdul Kadar Haji Abdul Subhan Bhai
4.Name of Consultant	Sri Sai Manasa Nature Tech Private Limited
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Yes
8.Location of the project	Survey Nos. 111 and 115
9.Taluka	Jiwati
10.Village	Markagondi
Correspondence Name:	M/s. Royal Pottery Ceramics Industries
Room Number:	1
Floor:	Ground
Building Name:	Royal Pottery Ceramics Industries
Road/Street Name:	Mul Road
Locality:	SBI Colony, Opposite Mount Carmel School,
City:	Chandrapur-442401
11.Whether in Corporation / Municipal / other area	Grampanchayat
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)	Annual Production of Laterite 125000 TPA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	33.03 Ha.
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):**
	Approved Non FSI area (sq. m.):
	Date of Approval: 27-10-2018
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	15000000

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	Laterite	10416.67 (125000 TPA)	41169.20 (419030.4 TPA)	51585.87 (619030.4 TPA)

32.Total Water Requirement

Dry season:	**Source of water**	Bore well, mine pit & nearby villages
	Fresh water (CMD):	5.6 KLD
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	5.6 KLD
	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**	Bore well, mine pit & nearby villages
	Fresh water (CMD):	4.5 KLD
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	4.5 KLD
	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	0.5	0	0.5	0.5	0	0.5	Nil	Nil	Nil
Gardening	2.5	0	2.5	2.5	0	2.5	Nil	Nil	Nil
Fresh water requirement	2.6	0	2.6	2.6	0	2.6	Nil	Nil	Nil

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	4.6 m to 10.51 m bgl in pre-monsoon season
	Size and no of RWH tank(s) and Quantity:	Garland drain of 0.5 m depth all along the mine excavating area
	Location of the RWH tank(s):	East and South boundary of mining lease area
	Quantity of recharge pits:	1 Garland drain of 0.5 m depth all along the mine excavating area
	Size of recharge pits :	0.5 m depth all along mine excavating area
	Budgetary allocation (Capital cost) :	Rs. 100000
	Budgetary allocation (O & M cost) :	Rs. 20000
	Details of UGT tanks if any :	Not Applicable
35.Storm water drainage	**Natural water drainage pattern:**	Not Applicable. However, the storm water due to rainfall will be channelized to the natural water courses like gullies and depression through appropriate drainage system with check bunds.
	Quantity of storm water:	Rainfall runoff
	Size of SWD:	Not Applicable
Sewage and Waste water	**Sewage generation in KLD:**	Nil
	STP technology:	Not Applicable
	Capacity of STP (CMD):	Not Applicable
	Location & area of the STP:	Not Applicable
	Budgetary allocation (Capital cost):	Not Applicable
	Budgetary allocation (O & M cost):	Not Applicable
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Not Applicable
	Disposal of the construction waste debris:	Not Applicable
Waste generation in the operation Phase:	**Dry waste:**	15,500 cum upto conceptual period
	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 will be used for plantation and waste materials will be dumped on non-mineral area
	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):**	On non mineralized area within the mining lease.
	Area for the storage of waste & other material:	15160 sqm
	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):		Nil			
Capacity of the ETP:		Not Applicable			
Amount of treated effluent recycled :		Not Applicable			
Amount of water send to the CETP:		Not Applicable			
Membership of CETP (if require):		Not Applicable			
Note on ETP technology to be used		Not Applicable			
Disposal of the ETP sludge		Not Applicable			

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

39.Stacks emission Details

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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	400 lit./month	1500 lit./month	1900 lit./month
41.Source of Fuel		Open Market		

42.Mode of Transportation of fuel to site	Most vehicles will come with filled diesel tank and site vehicles will be used brought up diesel.

43.Green Belt Development	**Total RG area :**	3409.47
	No of trees to be cut :	Nil
	Number of trees to be planted :	1500
	List of proposed native trees :	Kaju, Moh, Neem, Teak, Behada, Amla, Peru, Sitaphal, Kavath, Kadamb, Karanj etc.
	Timeline for completion of plantation :	Up to conceptual period

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Anacardium Occidentale	Kaju	800	Tropical evergreen fruit bearing tree arrest dust & suppress noise pollution
2	Madhuca indica	Moh	50	Created to intercept dust, gaseous pollutants and noise and Fruits
3	Azadirachta indica	Neem	200	Created to intercept dust, gaseous pollutants and noise
4	Tectona grandis	Sag	100	Created to intercept dust, gaseous pollutants and noise to be used for timber
5	Cassia fistula	Behada	50	Created to intercept dust, gaseous pollutants and noise
6	Psidium guajava	Peru	50	Created to intercept dust, gaseous pollutants and noise and Fruits
7	Emblica officinalis	Amla	50	Created to intercept dust, gaseous pollutants and noise and Fruits
8	Neolamarckia Cadamba	Kadamb	100	Created to intercept dust, gaseous pollutants and noise and Fruits
9	Millettia Pinnata	Karanj	100	Created to intercept dust, gaseous pollutants and 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	No
	During Operation phase (Connected load):	Commercial connection
	During Operation phase (Demand load):	Commercial connection
	Transformer:	No
	DG set as Power back-up during operation phase:	No
	Fuel used:	Not Applicable
	Details of high tension line passing through the plot if any:	No

48.Energy saving by non-conventional method:

It is proposed to install 5 Solar Light poles within mining lease area to saving energy by non-conventional method.

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	Solar light	5 lamps

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Vehicular Dust	Water sprinkling by water tanker	Water sprinkling by water tanker

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	40000
	O & M cost:	5000

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not Applicable	Not Applicable	Not Applicable

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Dust Suppression	725000	200000

2	Water Pollution Control	Desilting Tanks, garland drain, Boulder Check plug, Septic Tanks/Soak Pits, Mine water sedimentation pond & pumps	100000	50000
3	Pollution Monitoring	Air, Water & Noise level monitoring	Nil	62000
4	Plantation /Reclamation	Biological reclamation, Plantation, Reclamation (Dump)	83000	50000
5	Occupational Health	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety boots)	12000	10000

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
None	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

52.Any Other Information

No Information Available

53.Traffic Management

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

Parking details:	**Number and area of basement:**	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	Not Applicable
	CRZ/ RRZ clearance obtain, if any:	Not Applicable
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not Applicable
	Category as per schedule of EIA Notification sheet	Not Applicable
	Court cases pending if any	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 the grant of ToR for their expansion activity under category 1(a)B1 as per EIA Notification, 2006.

The proposal was considered in the 170th meeting of SEAC-1 wherein the proposal was deferred till submission of District Survey Reprot.

Now PP submitted compliance.

The proposal is for expansion of laterite mining from 125000 TPA to 619030 TPA on an area of 33.03 Ha. The mining will be open mining with use of semimechanised equipments. Mining leas is valid till 18.07.2033.

DECISION OF SEAC

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

PP to carry out Public Consultation as per procedure stipulated in the EIA Notification, 2006 and submit point wise compliance of the issues raised during Public Consultation.

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

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

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

Specific Conditions by SEAC:

1) PP has obtianed earlier EC vide No. 000000460 dated 28.09.2018; PP to submit copy of certified compliance of the EC conditions obtained from the Regional Office of MoEF&CC, Nagpur.
2) PP to submit copy of contour map showing natural streams on site. PP to submit plan so as to ensure no natural stream and wild life corridors are disturbed due to proposed activity.rains, wildlife corridor if any.
3) PP to include detailed water balance along with its source in the EIA report.
4) PP to include detailed reject/over burden management & disposal plan in the EIA/EMP report.
5) PP to submit C.A. certificate for proposed cost of project.
6) PP to ensure uniformity in the information submitted in the consolidated statement, Form -1/2, EIA/EMP report and presentation.

FINAL RECOMMENDATION

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

178th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 178th - Day-2 **Meeting Date** February 18, 2020

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

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Mining Project (1.84 Ha. for mining activity) Sou Laxmi Ramchandra Kadam Survey No -246/2 and 3 Village- Devrahtre, Taluka- Kadegaon Dist- Sangli
2.Type of institution	Private
3.Name of Project Proponent	Sou Laxmi Ramchandra Kadam
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha- Hitech Products, Bangalore
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Gat No- 246/2&3
9.Taluka	Kadegaon
10.Village	Devrashtre
Correspondence Name:	Sou Laxmi Ramchandra Kadam
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Devrashtre
City:	Kadegaon
11.Whether in Corporation / Municipal / other area	Grampanchayat Devrashtre
12.IOD/IOA/Concession/Plan Approval Number	Mining Plan AND GRAMPANCHAYAT NOC
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. ML/PL/487/III/2016/1127 Dtd. 23/9/2016
	Approved Built-up Area: 1.84
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	1.84 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 23-09-2016
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	9000000

22.Number of buildings & its configuration

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone Minor Mineral	NA	3175.16	3175.16

32.Total Water Requirement

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

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	1	1	0	0.3	0.7	0	0.7	.7
Cooling tower & thermopack	0	6	6	0	6	6	0	0	0
Gardening	0	3	3	0	3	3	0	0	0

Fresh water requirement	0	10	10	0	10	10	0	0.3	0.3

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	verage water level of the project area in monsoon period is 30 m and 45 m in summer season.
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	NA
	Quantity of storm water:	NA
	Size of SWD:	NA
Sewage and Waste water	**Sewage generation in KLD:**	0.3
	STP technology:	SEPTIC TANK
	Capacity of STP (CMD):	NA
	Location & area of the STP:	NA
	Budgetary allocation (Capital cost):	NA
	Budgetary allocation (O & M cost):	NA

36.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NA
	Disposal of the construction waste debris:	NA
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself
	Wet waste:	Sludge generated from septic tank will be used as a manure for gardening
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	NA
	O & M cost:	NA

37.Effluent 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):	NA
Capacity of the ETP:	NA
Amount of treated effluent recycled :	NA
Amount of water send to the CETP:	NA
Membership of CETP (if require):	NA
Note on ETP technology to be used	NA
Disposal of the ETP sludge	NA

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	DIESEK	0	90 LIT/DAY	90 lit/day

41.Source of Fuel	near by fual station
42.Mode of Transportation of fuel to site	by road

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

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Delonix regia	Gulmohar	100	.
2	Mahua longifolia	Moha	100	.
3	Azadirachta indica	Kadulimb	100	.
4	Terminalia bellirica	Behada	100	.
5	Phyllanthus emblica	Amla	100	.
6	Ficus benghalensis	Kavath	100	.
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	NA
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	NA
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

NA

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Waste Water	NA	SEPTIC TANK FOLLOWED BY SOAK PITS
Dust during material handling	NA	Water sprinkling on Haul roads and Green Belt Development
Noise	NA	Appropriate PPE's will be provides to workers, Green belt development
Solid Waste	NA	The top soil used for Green Belt Development, Overburden in the form of murum will be Back filled in the pit
Storm Water	NA	Garland drains will be provided to maintain proper drainage of Storm water

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	2.1	0.40
2	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	1.0	0.20
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	2.50	0.40

4	Occupational health and safety	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety shoes), Periodic health check ups of workers	1.0	0.10
5	Environmental Monitoring Programme	Regular Monitoring for ambient air, noise, surface water, ground water	0.60	0.10

51.Storage of chemicals (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:	NA
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	0
	CRZ/ RRZ clearance obtain, if any:	NA

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

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	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	No ground water withdrawal is permitted in the proposed mine area.
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 baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC
PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was earlier considerd in the 170th meeting held on 23.10.2019 wehrein PP requested to postpone the case. The proposal was considered in the 170th meeting of SEAC-1 wherein the proposal was deferred on PP's request.
DECISION OF SEAC

After deliberations, SEAC-1 decided to recommend the propsal for prior Environmental Clearance subject to the following conditions.

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 900 nos. of indigenous trees in 7.5 meter wide safety zone on the periphery of the proposed area with facility of drip irrigation and 300 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 confirm to the standards prescribed by MoEF&CC and CPCB.
6) PP to provide First Aid facility at the proposed mining site.
7) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
9) 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 Devrahtre from their 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

FINAL RECOMMENDATION

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

178th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 178th - Day-2 **Meeting Date** February 18, 2020

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

Is a Violation Case: No

1.Name of Project	SStone Quarry Minor Mineral Mining Project (1 Ha. for mining activity) of SHRI VIJAY SHIVAJI PAWAR, for Gat No- 1732/A, Village, Manerajuri, Tal- Tasgaon, Dist- Sangli, Maharashtra
2.Type of institution	Private
3.Name of Project Proponent	Shri Vijay Shivaji Pawar
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha- Hitech Products, Bangalore
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gat No- 1732/A
9.Taluka	Tasgaon
10.Village	Manerajuri
Correspondence Name:	A/p- Manerajuri, Tal- Tasgaon, Dist- Sangli
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Manerajuri
City:	Sangli
11.Whether in Corporation / Municipal / other area	Grampanchayat Manerajuri
12.IOD/IOA/Concession/Plan Approval Number	IOD/IOA/Concession/Plan Approval Number: Mining Plan AND GRAMPANCHAYAT NOC
	IOD/IOA/Concession/Plan Approval Number: IOD/IOA/Concession/Plan Approval Number: IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. MIN-Adm/ 695/2018/1114Dtd. 09/10/2018
	Approved Built-up Area: 1
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	1.0 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 09-10-2018
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	7500000

22.Number of buildings & its configuration

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

23.Number of tenants and shops	Not applicable
24.Number of expected residents / users	Not applicable
25.Tenant density per hectare	Not applicable
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	0
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Not applicable
30.Details of the demolition with disposal (If applicable)	Not applicable

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone Minor Mineral	0	589.5	589.5

32.Total Water Requirement

Dry season:	**Source of water**	Private Water Tankar
	Fresh water (CMD):	8.0
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	8.0
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	0.7	0.7	0	0.2	0.2	0	0.5	0.5
Industrial Process	0	5	5	0	5	5	0	0	0
Gardening	0	2.3	2.3	0	2.3	2.3	0	0	0
Fresh water requirement	0	8.0	8.0	0	8.0	8.0	0	0.5	0.5

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	verage water level of the project area in monsoon period is 120 m and 130 m in summer season.
	Size and no of RWH tank(s) and Quantity:	0
	Location of the RWH tank(s):	NOT APPLICABLE
	Quantity of recharge pits:	NOT APPLICABLE
	Size of recharge pits :	NOT APPLICABLE
	Budgetary allocation (Capital cost) :	NOT APPLICABLE
	Budgetary allocation (O & M cost) :	NOT APPLICABLE
	Details of UGT tanks if any :	NOT APPLICABLE
35.Storm water drainage	**Natural water drainage pattern:**	NOT APPLICABLENOT APPLICABLE
	Quantity of storm water:	NOT APPLICABLE
	Size of SWD:	NOT APPLICABLE
Sewage and Waste water	**Sewage generation in KLD:**	0.4
	STP technology:	NOT APPLICABLE
	Capacity of STP (CMD):	NOT APPLICABLE
	Location & area of the STP:	NOT APPLICABLE
	Budgetary allocation (Capital cost):	NOT APPLICABLE
	Budgetary allocation (O & M cost):	NOT APPLICABLE
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NOT APPLICABLE
	Disposal of the construction waste debris:	NOT APPLICABLE
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NOT APPLICABLE
	Biomedical waste (If applicable):	NOT APPLICABLE
	STP Sludge (Dry sludge):	NOT APPLICABLE
	Others if any:	NOT APPLICABLE

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

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	0	80 Lit/Day	80 Lit/Day

41.Source of Fuel	Near By Fuel Station
42.Mode of Transportation of fuel to site	3300

43.Green Belt Development	**Total RG area :**	0
	No of trees to be cut :	0
	Number of trees to be planted :	400
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	UPTO PLAN PERIOD

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Delonix regia	Gulmohar	80	.
2	Mahua longifolia	Moha	75	.
3	Azadirachta indica	Kadulimb	100	.
4	Tectona grandis	Sag	50	.
5	Terminalia bellirica	Behada	20	.
6	Phyllanthus emblica	Amla	25	.
7	Ficus benghalensis	Kavath	50	.
45.Total quantity of plants on ground				

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

Serial Number	Name	C/C Distance	Area m2
1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

47.Energy

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

48.Energy saving by non-conventional method:

NOT APPLICABLE

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NOT APPLICABLE	NOT APPLICABLE

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	2.0	0.5
2	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	1.5	0.25
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.0	0.15

4	Occupational health and safety	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety shoes), Periodic health check ups of workers	0.90	0.10
5	Environmental Monitoring Programme	Regular Monitoring for ambient air, noise, surface water, ground water	0.15	0.10

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NOT APPLICABLE
Parking details:	**Number and area of basement:**	NOT APPLICABLE
	Number and area of podia:	NOT APPLICABLE
	Total Parking area:	NOT APPLICABLE
	Area per car:	NOT APPLICABLE
	Area per car:	NOT APPLICABLE
	Number of 2-Wheelers as approved by competent authority:	NOT APPLICABLE
	Number of 4-Wheelers as approved by competent authority:	NOT APPLICABLE
	Public Transport:	NOT APPLICABLE
	Width of all Internal roads (m):	NOT APPLICABLE
	CRZ/ RRZ clearance obtain, if any:	NOT APPLICABLE

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NOT APPLICABLE
	Category as per schedule of EIA Notification sheet	NOT APPLICABLE
	Court cases pending if any	NOT APPLICABLE
	Other Relevant Informations	NOT APPLICABLE
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	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	No ground water withdrawal is permitted in the proposed mine area.
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 baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC
PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was earlier conisderd in the 170th meeting held on 23.10.2019 wherein PP requested to postpone the case.
DECISION OF SEAC

After deliberations, SEAC-1 decided to recommend the proposal for prior Environmental Clearance subject to the following conditions.

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 900 nos. of indigenous trees in 7.5 meter wide safety zone on the periphery of the proposed area with facility of drip irrigation and 300 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 confirm to the standards prescribed by MoEF&CC and CPCB.
6) PP to provide First Aid facility at the proposed mining site.
7) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
9) 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 Manerajuri from their 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

FINAL RECOMMENDATION

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

Subject: Environment Clearance for Environment clearance for stone quarry of M/s.Dilip Buildcon Limited for National Highway (NH-166) Project in Sangli District at Gat no.153 Part,Village-Siddhewadi,Tal.-Miraj,Dist.-Sangli Area-3.80 Ha

Is a Violation Case: No

1.Name of Project	stone quarry of M/s.Dilip Buildcon Limited for National Highway (NH-166) Project in Sangli District at Gat no.153 Part,Village-Siddhewadi,Tal.-Miraj,Dist.-Sangli Area-3.80 Ha
2.Type of institution	Private
3.Name of Project Proponent	M/s.Dilip Buildcon Limited
4.Name of Consultant	Equinox Environments(I) Pvt.Ltd.
5.Type of project	Mining of Minor Minerals
6.New project/expansion in existing project/modernization/diversification in existing project	NEW
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Gat No.153 Part ,BP1- 16°54'55.54
9.Taluka	Miraj
10.Village	Siddhewadi
Correspondence Name:	Shri Niashikant Tiwari
Room Number:	Plot no.5
Floor:	Inside Govind Narayan Singh Gate
Building Name:	Inside Govind Narayan Singh Gate
Road/Street Name:	Kolar road
Locality:	Chuna Bhatti
City:	Bhopal
11.Whether in Corporation / Municipal / other area	Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	Mining Plan
	IOD/IOA/Concession/Plan Approval Number: MIN-Adm/695/2019/328
	Approved Built-up Area: 38000
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Awarded by National Highway Authority Of India
15.Total Plot Area (sq. m.)	3.80 Ha
16.Deductions	0
17.Net Plot area	3.80 Ha
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): 38000
	c) Total BUA area (sq. m.): 38000
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** NA
	Approved Non FSI area (sq. m.): NA
	Date of Approval: 02-03-2019
19.Total ground coverage (m2)	0
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	0
21.Estimated cost of the project	8500000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	0	0	0

23.Number of tenants and shops	0
24.Number of expected residents / users	0
25.Tenant density per hectare	0
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	0
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	0
29.Existing structure (s) if any	0
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Stone,Murrum(Minor Mineral)	84688	0	84688

32.Total Water Requirement

Dry season:	**Source of water**	Water Tanker
	Fresh water (CMD):	3
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	NA
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Wet season:	**Source of water**	NA
	Fresh water (CMD):	NA
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	NA
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	2	2	0	2	2	0	0	0
Gardening	0	1	1	0	1	1	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):	NA
	Quantity of recharge pits:	1
	Size of recharge pits :	Quarry Pit will act as a Ground water recharge pit
	Budgetary allocation (Capital cost) :	0
	Budgetary allocation (O & M cost) :	0
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	Garland drains along the peripheral area within safety barrier zone
	Quantity of storm water:	0
	Size of SWD:	1m x 1m along peripheral of lease area
Sewage and Waste water	**Sewage generation in KLD:**	0.70
	STP technology:	Biotoilet shall be proposed
	Capacity of STP (CMD):	0
	Location & area of the STP:	0
	Budgetary allocation (Capital cost):	50000
	Budgetary allocation (O & M cost):	0
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:**	All available minable materials (Stone,Murrum) are usable.Top soil shall be utilised for Green belt development along the peripheri of mine lease area and quarry roads
	Wet waste:	0
	Hazardous waste:	0
	Biomedical waste (If applicable):	0
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	All available minable materials (Stone,Murrum) are usable.Top soil shall be utilised for Green belt development along the peripheri of mine lease area and quarry roads
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	0
	Area for machinery:	0
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	0
	O & M cost:	0

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):	0
Capacity of the ETP:	0
Amount of treated effluent recycled :	0
Amount of water send to the CETP:	0
Membership of CETP (if require):	NA
Note on ETP technology to be used	NA
Disposal of the ETP sludge	NA

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	0	0	0	NA

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	NA	NA	NA	0	0	0

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	NA	0	0	0

41.Source of Fuel	NA
42.Mode of Transportation of fuel to site	NA

43.Green Belt Development	**Total RG area :**	0.6077
	No of trees to be cut :	0
	Number of trees to be planted :	300
	List of proposed native trees :	As Follows
	Timeline for completion of plantation :	One 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	Chinch	Tamarindus indica	25	Tolerant and Fast
2	Kadunimb	Azadirachta indica	25	Tolerant and Fast
3	Shisaw	Dalbergia sisoo	25	Round,Tolerant and Fast
4	Amaltas	Cassia Fistula	25	Tolerant and Fast
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)	0
	DG set as Power back-up during construction phase	0
	During Operation phase (Connected load):	5 HP
	During Operation phase (Demand load):	5 HP
	Transformer:	NA
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

LED Lights and Solar bulbs shall be used

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lights and Solar bulbs	40

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Environmental Monitoring	NA	Air, water, noise, soil
Green belt	NA	Plantation
Haul road maintenance	NA	Air pollution control
Water sprinkling	NA	Water sprinkling

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	0
	O & M cost:	0

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental Monitoring	Air, water, noise, soil	0
2	Green belt	Plantation	1.5
3	Haul road maintenance	Air pollution control	2.5
4	Water sprinkling	Water sprinkling	0

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	Air, water, noise, soil	0	1.0
2	Green belt	Plantation	1.5	0.2
3	Haul road maintenance	Air pollution control	2.5	0.5
4	Water sprinkling	Water sprinkling	0	2.2

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	0	0	0	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	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	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
Water Budget	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to 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	No ground water withdrawal is permitted in the proposed mine area.
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 baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC

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

The proposal was considered in the 170th meeting of SEAC-1 held on 23.10.2019 wherein the proposal was deferred till submisison 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. PP to ensure that, there is uniformity in the name of project proponent in application form, Approved Mining Plan and Ownership documents.

3. PP to submit measurement map of the proposed quarry approved by the District Superintendent of Land Records.

4. 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.

5. 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.

6. 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).

7. 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.

8. 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.

9. 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.

10. 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.

11. PP to ensure that, uniform information is given in the Form – 1M, consolidated statement, Approved Mining Plan, District Survey Report and presentation etc.

Now PP submitted compliance of above points.

DECISION OF SEAC

Tehsildar Mrs. Tejaswini pathak was present for the meeting and submitted cluster certificate indicating two other quarries in the vicinity of 500 mtrs. from the propsoed mine area forming total area of 12.92 Ha.

After deliberations, SEAC-1 decided to recommend the proposal for prior Environemntal Clearance subejct to the following conditions.

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 1000 nos. of indigenous trees in 7.5 meter wide safety zone on the periphery of the proposed area with facility of drip irrigation and 2000 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 confirm to the standards prescribed by MoEF&CC and CPCB.
6) PP to provide First Aid facility at the proposed mining site.
7) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
9) 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 Siddhewadi from their CER funds in consultation with the District Authority.

FINAL RECOMMENDATION

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

178th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 178th - Day-2 **Meeting Date** February 18, 2020

Subject: Environment Clearance for EXPANSION OF M.S BILLETS MANUFACTURING (EXISTING CAPACITY 100 MTD TO 500 MTD) EXPANSION BY 400 MTD

Is a Violation Case: No

1.Name of Project	NILANJAN IRON PVT. LTD.
2.Type of institution	Private
3.Name of Project Proponent	MR. ANKUSH SINGLA
4.Name of Consultant	--
5.Type of project	FIVE STAR MIDC KAGAL, DIST :KOLHAPUR
6.New project/expansion in existing project/modernization/diversification in existing project	EXPANSION OF EXISTING M.S BILLETS MANUFACTURING PLANT 100 MTD TO 500 MTD (EXPANSION BY 400 MTD)
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	YES, EC -2009/CR134/TC2. dated- 09/10/2009 from Environment department GoM.
8.Location of the project	PLOT NO:B-07, FIVE STAR MIDC KAGAL
9.Taluka	KARVEER
10.Village	HALSAWADE
Correspondence Name:	MR. ANKUSH SINGLA
Room Number:	N.A.
Floor:	N.A.
Building Name:	N.A.
Road/Street Name:	N.A.
Locality:	PLOT NO:B-07, FIVE STAR MIDC KAGAL
City:	KOLHAPUR
11.Whether in Corporation / Municipal / other area	FIVE STAR MIDC AREA-KAGAL
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	PROPOSED EXPANSION ACTIVITY WILL BE START AFTER ENVIRONMENTAL CLEARANCE AND MPCB CONSENT.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	APPROVED MIDC AREA
15.Total Plot Area (sq. m.)	10174.00 SQM
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: 21-06-2018
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	190000000

22.Number of buildings & its configuration

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

23.Number of tenants and shops	NA
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	TURNING RADIUS 09 METERS.
29.Existing structure (s) if any	Existing induction furnace shed is available with industry. The induction furnace capacity is 12 MT X 9 heat = 108 MTD. Expansion will be carried out in existing premises of the industry by installing two new induction furnaces will be installed. For expansion project two nos furnaces will be installed. 1) New 20 MT X 13 Heats= 260 MTD (Existing furnace 12 MT replaced with 20 MT) 2) New 20 MT X 12 Heats(1Heat+)=240 MTD, Total: 500 MTD (3-4% will be slag generation in total melting process)
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	MS BILLETS	3000	12000	15000

32.Total Water Requirement

Dry season:	**Source of water**	MIDC KAGAL
	Fresh water (CMD):	60 CMD FOR EXISTING PROJECT. 90 WATER FOR PROPOSED PROJECT , THE TOTAL REQUIREMENT OF WATER WILL BE AFTER EXPANSION IS 150 CMD. THE WATER IS MAINLY REQUIRED FOR COOLING PURPOSE IN THE PROCESS, THE EVAPORATION LOSSES WILL BE 60 CMD. THE 60 CMD WATER IS REQUIRED FOR DAILY TOP-UP, THE 90 CMD WATER IS REUSE AFTER COOLING PROCESS.
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	05 CMD
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	60 CMD
	Fire fighting - Underground water tank(CMD):	50 CMD UG TANK WILL BE CONSTRUCTED
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	MIDC KAGAL
	Fresh water (CMD):	60 CMD WATER FOR EXISTING PROJECT. 90 CMD WATER FOR PROPOSED PROJECT , THE TOTAL REQUIREMENT OF WATER WILL BE AFTER EXPANSION IS 150 CMD. THE WATER IS MAINLY REQUIRED FOR COOLING PURPOSE IN THE PROCESS, THE EVAPORATION LOSSES WILL BE 60 CMD. THE 60 CMD WATER IS REQUIRED FOR DAILY TOP-UP, THE 90 CMD WATER IS REUSE AFTER COOLING PROCESS.
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	05 CMD
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	60 CMD
	Fire fighting - Underground water tank(CMD):	50 CMD UG TANK WILL BE CONSTRUCTED
	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	05	03	08	02	01	03	03	02	05
Industrial Process	60	90	150	24	36	60	00	00	00
Fresh water requirement	24	36	60	00	00	00	00	00	00
Gardening	03	02	05	03	02	05	00	00	00

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	10-15 M BELOW GROUND LEVEL. POST MONSOON 5-10 M BELOW GROUND LEVEL.
	Size and no of RWH tank(s) and Quantity:	TWO NOS OF RAINWATER HARVESTING TANK, NUMBERS OF TANK WILL BE INCREASED IF REQUIRED.
	Location of the RWH tank(s):	WITHIN INDUSTRIAL PREMISES.
	Quantity of recharge pits:	05 NOS RAIN WATER HARVESTING PITS , NUMBERS OF PITS WILL BE INCREASED IF REQUIRED.
	Size of recharge pits :	DETAILS RAIN WATER HARVESTING PLAN WILL BE INCORPORATE IN FINAL EIA REPORT.
	Budgetary allocation (Capital cost) :	RS.600000/-
	Budgetary allocation (O & M cost) :	RS.350000/-
	Details of UGT tanks if any :	1 no : 10 m X 8 M X 3 m
35.Storm water drainage	**Natural water drainage pattern:**	STORM WATER DRAIN SYSTEM WILL BE CONSTRUCTED AROUND THE PLANT
	Quantity of storm water:	1017 m3 based on 100 mm rainfall in an hour
	Size of SWD:	300 mm X 400 mm X 3000 mm
Sewage and Waste water	**Sewage generation in KLD:**	05 KLD
	STP technology:	MBBR TECHNOLOGY
	Capacity of STP (CMD):	10 CMD
	Location & area of the STP:	IN THE PREMISES OF INDUSTRY.
	Budgetary allocation (Capital cost):	Rs.450000/-
	Budgetary allocation (O & M cost):	Rs.150000/-

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:**	EXISTING SLAG: 3.00 MTD, PROPOSED SLAG GENERATION:12.00 MTD, PROCESS DUST Existing 100 KG/DAY, Proposed 400 KG/DAY.
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	0.1MTA
	Others if any:	NA
Mode of Disposal of waste:	**Dry waste:**	SLAG WILL BE CRUSHED IN SLAG CRUSHER AND IRON WILL BE RECOVERED BY MAGNETIC SEPARATOR. REMAINING CRUSHED SLAG USED FOR BRICK MAKING AND OTHER CONSTRUCTION USES.
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	IT WILL USED AS MANURE FOR GARDENING.
	Others if any:	NA
Area requirement:	**Location(s):**	WITHIN INDUSTRIAL PREMISES.
	Area for the storage of waste & other material:	70 SQ. MTR
	Area for machinery:	50 SQ. MTR
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs.1500000/-
	O & M cost:	Rs.400000/-

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):	NA
Capacity of the ETP:	NA
Amount of treated effluent recycled :	NA
Amount of water send to the CETP:	NA
Membership of CETP (if require):	NA
Note on ETP technology to be used	WATER WILL BE SETTLED AND COOLED AND WILL BE REUSED FOR COOLING PURPOSE.
Disposal of the ETP sludge	NA

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	EXISTING FUME EXTRACTION	ELECTRICITY	1	30	1.6	50-60
2	PROPOSED FUMES EXTRACTION	ELECTRICITY	1	35	1.6	50-60

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	ELECTRICITY	5.00 MW	5.00 MW	10.00 MW
41.Source of Fuel		MSEDCL		
42.Mode of Transportation of fuel to site		TRANSMISSION LINE OF MSEDCL		

43.Green Belt Development	**Total RG area :**	NA
	No of trees to be cut :	00
	Number of trees to be planted :	700
	List of proposed native trees :	NEEM, BABUL, BAKUL, MANGO, AAPTA, BER
	Timeline for completion of plantation :	FOUR 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	AZATIRECTA INDICA	NEEM	170	SHADY TREE, MEDICINAL USE
2	ACACIA NILOTICA	BABUL	120	SHADY TREE WITH YELLOW FLOWERS
3	MIMUSO PSELENGI	BAKUL	40	SHADY TREE WITH SMALL WHITE FRAGRANT FLOWERS
4	MANGIFERA INDICA	MANGO	150	SHADY TREE
5	BAUHINIA RACEMOSA	AAPTA	70	SMALL TREE WITH SMALL WHITE FLOWERS, BUTTERFLY HOST PLANT
6	ZIZIPHUS MAURITIANA	BER	150	FAST GROWING & HARDY PLANT
45.Total quantity of plants on ground				

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

Serial Number	Name	C/C Distance	Area m2
1	AMERICAN ALEO	2*2	4
2	BLACK PHYSICNUT	3*3	9
3	GARDEN CROTON	1*1	1
4	CHINA ROSE	2*2	4

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	MSEB 1MW
	DG set as Power back-up during construction phase	500 KVA
	During Operation phase (Connected load):	10.00 MW
	During Operation phase (Demand load):	10.00 MW
	Transformer:	YES
	DG set as Power back-up during operation phase:	500 KVA 2 NOS.
	Fuel used:	HSD/LDO
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Nil

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED LIGHT USED FOR STREET LIGHT AND IN OFFICE.	AS PER REQUIREMENT.

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
FURNACE (AIR POLLUTION)	FUMES EXTRACTION SYSTEM HOOD FOLLOWED BY VENTURY SCRUBBER TO STACK	FUMES EXTRACTION SYSTEM HOOD FOLLOWED BY VENTURY SCRUBBER TO STACK.
DG SETS(NOISE POLLUTION),	ACOUSTIC ENCLOSURE PROVIDED.	ACOUSTIC ENCLOSURE WILL BE PROVIDED.
DOMESTIC WASTE WATER	SEPTIC TANK WITH SOAK PIT	STP PROPOSED FOR DOMESTIC WASTE WATER TREATMENT.
SOLID WASTE (SLAG) `	COLLECTION ,SEGREGATION	COLLECTION ,SEGREGATION & CRUSHING

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	Rs. 2.00 LACS IS ALOCATED FOR LED LIGHTS
	O & M cost:	APP. Rs. 0.25 IS REQUIRED FOR O & M.

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	00

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	AIR POLLUTION CONTROL EQUIPMENT	POLLUTION CONTROL EQUIPMENT FOR AIR POLLUTION CONTROL MEASURES	80.00	15.00
2	WATER POLLUTION CONTROL TREATMENT	WATER TREATMENT PLANTS STP WILL BE PROVIDED	03.50	00.80
3	SOLID WASTE MANAGEMENT	SOLID WASTE DISPOSAL & MANAGEMENT IN THE FORM OF MANURE & BRICK MANUFACTURING	15.00	04.00
4	OCCUPATIONAL HEALTH SAFETY MANAGEMENT	SAFETY MEASURES IN RESPECT TO HEALTH FACILITIESWILL BEPROVIDED TO WORKERS	03.00	01.00
5	ENVIRONMENTAL CELL& MONITORING	MANAGEMENT OF ENVIRONMENT BY ENVIRONMENTAL CELL	06.00	03.50
6	GREEN BELT DEVELOPMENT	PLANTATION OF VARIOUS NATIVE & OTHER SPECIES DEVELOPING THE GREEN BELT	03.00	01.00
7	NA	TOTAL	110.50	25.30

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
NA	NA	NA	00	NA	NA	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

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

Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	THE AREA EARMARKED FOR THE PARKING IS 1220.00 SQM (ITS 12%OF THE TOTAL PLOT AREA)
	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:	50-60 TRUCKS
	Width of all Internal roads (m):	THE INTERNAL ROADS WIDTH IS 06.00 METERS.
	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)B1
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to timeAs per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits on site.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide STP for the treatment of domestic sewage.
Drainage pattern of the project	PP considered contour levels in design of storm water drains.

Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits at project site.
Solid Waste Management	PP proposes to incorporate slag management plan.
Air Quality & Noise Level issues	As per data submitted by PP, Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	The electrical demand for proposed project is 10 MW, which will be supplied by MSEDCL. PP also proposes to have two DG sets of capacity 500 KW.
Traffic circulation system and risk assessment	PP proposes to provide six meter wide internal roads with nine meter turning radius.
Landscape Plan	PP proposes 33% green belt within the premises.
Disaster management system and risk assessment	PP proposes adequate steps to handle an emergency.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP proposes capital EMP cost of Rs. 110.50 L and recurring EMP cost of Rs.25.30 L.
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 issued by MoEF & CC published in April, 2015.

The proposal was earlier considerd in the 154th meeting of SEAC-1 where in the proposal was deferred for following reason,

" During deliberations it was observed that, the lay out shown by PP was not having areas marked for the adequate storgae of raw materials and finished products. PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, Raw Material and Finished product storage areas, 33% green belt with its dimensions, rain water harvesting pit/tank locations with dimensions, storm water drain lines, along with area statement showing calculations of each area and cross sections of storm water drain and rain water harvesting pits etc. "

The proposal was considered in the 157th meeting held on 02.11.2018 wherein ToR was granted to the PP with following additional points.

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

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

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

PP to carry out Public Consultation as per procedure stipulated in the EIA Notification, 2006 along with implementation plan of the issues raised during Public Consultation.

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

PP has obtained earlier EC vide No. EC-2009/CR-134/TC-2 dated 09.10.2009; PP to submit certified copy of compliance of earlier EC from Regional Office of MoEF&CC, Nagpur as per OM issued by MoEF&CC on 07/09/2017

Based on the presentation made by PP; committee decided to approve the TOR for the preparation of EIA/EMP report as per standard TOR and additional TOR points mentioned below.

1. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.

2. PP to explore possibility to recover waste heat by way of process re-engineering and include the same in EIA report.

3. PP to carry out risk assessment and submit disaster management plan.

4. PP to submit structural stability certificate of existing structures with respect to the accommodation of proposed expansion activities.

5. PP to provide new and renewable energy for illumination of office buildings , street lights, parking areas and maintain the same regularly.

6. PP to include slag management and disposal plan in the EIA report.

7. PP to include water and carbon foot print monitoring in the Environment Management Plan.

Now PP submitted EIA/EMP report for appraisal.

DECISION OF SEAC

PP submitted copy of certified compliance of earlier EC obtianed on 22.08.2019.

Public Hearing was conducted on 17.12.2019 and reprot included in the EIA report.

After deliberations, SEAC-1 decided to recommend the proposal for prior Environemntal Clearance subject to the folllowing conditions.

Specific Conditions by SEAC:

1) PP to ensure that, no waste water is discharged out side the premises.
2) PP to ensure that, slag management system is in place before starting manufacturing of proposed product.
3) PP to provide sanitary facilities in the Z.P.School in the vicinity of proposed project from their CER funds in consultation with the CEO Zilla Parished Kolhapur.
4) PP to provide new and renewable energy for illumination of office buildings , street lights, parking areas and maintain the same regularly.
5) PP to include water and carbon foot print monitoring in the Environment Management Plan.
6) PP to provide sewage treatment plant for the treatment of domestic sewage.

FINAL RECOMMENDATION

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

178th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 178th - Day-2 **Meeting Date** February 18, 2020

Subject: Environment Clearance for EXPANSION OF MS BILLETS MANUFACTURING UNIT (EXISTING MANUFACTURING CAPACITY OF MS BILLETS IS 63.33 MTD, PROPOSED EXPANSION BY CAPACITY 500 MTD , TOTAL CAPACITY AFTER EXPANSION WILL BE 563.33 MTD)

Is a Violation Case: No

1.Name of Project	MUNDRA STEEL & ALLOY PVT.LTD.
2.Type of institution	Private
3.Name of Project Proponent	MR. SURESHNANDAN GUPTA
4.Name of Consultant	--
5.Type of project	NOTIFIED INDUSTRIAL AREA OF MIDC JEJURI
6.New project/expansion in existing project/modernization/diversification in existing project	EXPANSION OF EXISTING M.S. BILLETS MANUFACTURING PLANT 63.33 MTD TO 563.33 MTD
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	N.A.
8.Location of the project	PLOT NO. E-15, MIDC JEJURI
9.Taluka	PURANDAR
10.Village	JEJURI
Correspondence Name:	Sureshnandan Gupta
Room Number:	Plot no: E-15, MIDC Jejuri
Floor:	N.A.
Building Name:	N.A.
Road/Street Name:	N.A.
Locality:	PLOT NO. E-15, MIDC
City:	Jejuri
11.Whether in Corporation / Municipal / other area	Other area - MIDC JEJURI
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: NA
	Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	PROPOSED EXPANSION ACTIVITY WILL BE START AFTER OBTAINING ENVIRONMENTAL CLEARANCE .
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	APPROVED FROM MIDC AREA
15.Total Plot Area (sq. m.)	13826 m2
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.): 3807.31
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: 16-05-2018
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	175000000.00

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	INTERNAL ROAD WIDTH IS 06 METERS AND TURNING RADIUS IS 09 METERS WIDE.
29.Existing structure (s) if any	EXISTING INDUCTION FURNACE SHED IS AVAILABLE WITH THE INDUSTRY. THE INDUCTION FURNACE CAPACITY IS 07 MT x 09 HEAT = 63 MTD, THE EXISTING 07 MT IS REPLACE WITH NEW 20 MT FURNACE (TWO NOS FURNACE . A: 20 MT X 14 =280 MTD, B: 20 MT X 14 = 280 MTD) TOTAL IS 560 MTD MS BILLETS.
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	MS BILLETS	1900	15000	16900

32.Total Water Requirement

Dry season:	**Source of water**	MIDC JEJURI
	Fresh water (CMD):	30 CMD FOR EXISTING PROJECT. 90 CMD FOR PROPOSED PROJECT
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	04 CMD
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	48 CMD
	Fire fighting - Underground water tank(CMD):	50 CMD UG TANK WILL BE CONSTRUCTED
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	MIDC JEJURI
	Fresh water (CMD):	30 CMD FOR EXISTING PROJECT. 90 CMD FOR PROPOSED PROJECT
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	04 CMD
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	48 CMD
	Fire fighting - Underground water tank(CMD):	50 CMD UG TANK WILL BE CONSTRUCTED
	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	03	03	06	01	01	02	02	02	04
Cooling tower & thermopack	30	90	120	12(EVAPORATION LOSS)	36 (EVAPORATION LOSSES)	48 (TOTAL EVAPORATION LOSS)	18 (REUSE AFTER COOLING)	54 (REUSE After cooling)	72 total Reuse
Gardening	02	02	04	02	02	04	00	00	00

Fresh water requirement	12 (daily top up)	26 daily top up	48 (total water required for daily top up)	00	00	00	00	00	00

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	19 M BELOW GROUND LEVEL. POST MONSOON 8-10 M BELOW GROUND LEVEL.
	Size and no of RWH tank(s) and Quantity:	TWO NOS OF RAIN WATER HARVESTING TANK. IF REQUIRED NUMBER OF TANK WILL BE INCREASED .
	Location of the RWH tank(s):	WITHIN INDUSTRIAL PREMISES
	Quantity of recharge pits:	05 NOS RAIN WATER HARVESTING PITS,IF REQUIRED NUMBERS OF PITS WILL BE INCREASED .
	Size of recharge pits :	DETAILS RAIN WATER HARVESTING PLAN WILL BE INCORPORATE IN FINAL EIA REPORT.
	Budgetary allocation (Capital cost) :	RS.400000/-
	Budgetary allocation (O & M cost) :	RS.200000/-
	Details of UGT tanks if any :	1 NO: 10 M X 8 M X 3 M
35.Storm water drainage	**Natural water drainage pattern:**	STORM WATER DRAIN SYSTEM WILL BE CONSTRUCTED AROUND THE PLANT.
	Quantity of storm water:	780 m3/ based on 60 mm rainfall in an hour
	Size of SWD:	300 MM X 400 MM X 400 MM
Sewage and Waste water	**Sewage generation in KLD:**	04
	STP technology:	MBBR TECHNOLOGY
	Capacity of STP (CMD):	05 M3/DAY
	Location & area of the STP:	IN THE PREMISES
	Budgetary allocation (Capital cost):	Rs 270000/-
	Budgetary allocation (O & M cost):	Rs 120000/-

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:**	Slag : Existing : 01.90 MTD, Proposed : 15.00 MTD and process dust Existing 63 .00 kg/day, proposed 500 kg/day.
	Wet waste:	N.A.
	Hazardous waste:	N.A.
	Biomedical waste (If applicable):	N.A.
	STP Sludge (Dry sludge):	0.5 MTA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	SLAG WILL BE CRUSHED AND IRON WILL BE RECOVERED BY MAGNETIC SEPARATOR. REMAINING CRUSHED SLAG USED FOR BRICK MAKING, CONCRETE MIXING
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	USED AS MANURE FOR GARDENING.
	Others if any:	NA
Area requirement:	**Location(s):**	WITHIN INDUSTRIAL PREMISES.
	Area for the storage of waste & other material:	50 SQM
	Area for machinery:	50 SQM
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	RS.1200000/-
	O & M cost:	RS. 400000/-

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):	NA. In the process water is required only for cooling purpose for hot billets and furnace, water losses is as a evaporation loss, the remaining water is settled and cool, its reused for cooling process again.
Capacity of the ETP:	NA
Amount of treated effluent recycled :	NA
Amount of water send to the CETP:	NA
Membership of CETP (if require):	NA
Note on ETP technology to be used	WATER WILL BE SETTLED AND COOLED AND WILL BE REUSED FOR COOLING PURPOSE.
Disposal of the ETP sludge	NA

38.Hazardous Waste Details

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

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	EXISTING FUME EXTRACTION ROTATING HOOD FOLLOWED BY SCRUBBER	ELECTRICITY	01	33	1.6	60-70

2	PROPOSED FUME EXTRACTION ROTATING HOOD, DUCTING , ID FAN FOLLOWED BY VENTURI SCRUBBER	ELECTRICITY	01	35	1.6	60-70

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	ELECTRICITY	3.5 MW	4.0 MW	7.5 MW
41.Source of Fuel		MSEDCL POWER CONNECTION		
42.Mode of Transportation of fuel to site		TRANSMISSION LINE OF MSEDCL		

43.Green Belt Development	**Total RG area :**	NA
	No of trees to be cut :	00
	Number of trees to be planted :	500
	List of proposed native trees :	NEEM, BABUL, EUCALYPTUS, MANGO, APTA ETC
	Timeline for completion of plantation :	FIVE 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	ZIZIPHUS MAURITIANA	BER	50	FAST GROWING AND HARDY PLANT
2	ACACIA NILOTICA	BABUL	100	SHADY TREE WITH YELLOW FLOWERS
3	BAUHINIA RACEMOSA	AAPTA	50	SMALL TREE WITH SMALL WHITE WHITE FLOWERS
4	MAGNIFERA INDICA	MANGO	50	SHADY TREE
5	AZADIRACHATA INDICA	NEEM	150	SHADY TREE, MEDICINAL USE
6	EUCALYPTUS	NILGIRI	50	fast-growing sources of wood, producing oil that can be used for cleaning and as a natural insecticide, or an ability to be used to drain swamps
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	CHINAROSE	2*2	4
2	GARDEN CROTON	1*1	1
3	BLACK PHYSICNUT	3*3	9
4	AMERICAN ALEO	2*2	4

47.Energy

Power requirement:	**Source of power supply :**	MSEDCL
	During Construction Phase: (Demand Load)	1 MW
	DG set as Power back-up during construction phase	320KVA
	During Operation phase (Connected load):	7.5MW
	During Operation phase (Demand load):	7.5MW
	Transformer:	YES
	DG set as Power back-up during operation phase:	820 KVA (EXISTING D.G. SET: 320 KVA, PROPOSED D.G. SET: 500 KVA)
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

Nil

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LIGHT USED IN THE INDUSTRIAL PREMISED ARE LED LIGHTS. MAINLY STREET LIGHT AND OFFICE LIGHT	NOT CALCULATED

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
AIR POLLUTION FROM FURNACE	FUMES EXTRACTION SYSTEM HOOD FOLLOWED BY VENTURY SCRUBBER TO STACK	ONE MORE FUME S EXTRACTION SYSTEM HOOD FOLLOWED BY VENTURY SCRUBBER
NOISE POLLUTION FROM D G sets	ACOUSTIC ENCLOSURE,	Acaustic enclosure
SOLID WASTE	COLLECTION & SEGREGATION	COLLECTION OF SOLID WASTE CRUSH IT AND SEGREGATE IT BY MAGNETIC SEPERATOR
WATER POLLUTION FROM DOMESTIC WASTE WATER D G sets	SEPTIC TANK WITH SOAK PIT	FOR THE TREATMENT OF DOMESTIC WASTE WATER STP PROPOSED

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	00
	O & M cost:	00

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 EQUIPMENT	AIR POLLUTION CONTROL EQUIPMENTS	72.00	05.50
2	GREEN BELT DEVELOPMENT	PLANTATION AS WELL AS MAINTENANCE OF GREEN BELT IN THE PREMISES WHICH IS 33% OF TOTAL AREA	01.00	00.75
3	SOLID WASTE MANAGEMENT	DISPOSAL OF SOLID WASTE TO BRICK MANUFACTURER.	12.00	04.00
4	WASTE WATER TREATMENT	STP WILL BE PROVIDED FOR THE TREATMENT OF DOMESTIC WASTE WATER	02.70	01.20
5	ENVIRONMENTAL CELL & MONITORING	ENVIRONMENT MANAGEMENT IN WITHIN THE PREMISES AS WELL AS OUTSIDE THE PREMISES BR ENVIRONMENT MANAGEMENT DEPARTMENT	04.00	02.00
6	OCCUPATIONAL HEALTH & SAFETY MANAGEMENT	HEALTH FACILITIES WILL BE PROVIDED TO WORKERS. AS WELL AS WORKER WILL MONITORED REGULAR BASIS AND MEASURES WILL BE TAKEN CARE FOR THE SAME	03.00	01.00
7	NA	TOTAL	94.70	14.25

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
N.A.	N.A.	N.A.	00	N.A.	N.A.	N.A.	N.A.

52.Any Other Information		
No Information Available		
53.Traffic Management		
	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	1762 m2 (WHICH IS 12% OF THE TOTAL PLOT AREA.)
	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:	55-65 TRUCKS / DAY
	Width of all Internal roads (m):	WIDTH OF INTERNAL ROADS IS 06.00 METERS.
	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) B
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to timeAs per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits on site.

Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide STP for the treatment of domestic sewage.
Drainage pattern of the project	PP considered contour levels in design of storm water drains.
Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits at project site.
Solid Waste Management	PP proposes to incorporate slag management plan.
Air Quality & Noise Level issues	As per data submitted by PP, Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	The electrical demand for proposed project is 7.5 MW, which will be supplied by MSEDCL. PP also proposes to have one DG sets of capacity 500 KW in addition to existing 320 KVA DG Set.
Traffic circulation system and risk assessment	PP proposes to provide six meter wide internal roads with nine meter turning radius.
Landscape Plan	PP proposes 33% green belt within the premises.
Disaster management system and risk assessment	PP proposes adequate steps to handle an emergency.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP proposes capital EMP cost of Rs. 94.70 L and recurring EMP cost of Rs. 14.25 L.
Any other issues related to environmental sustainability	Jejuri is one of the important pilgrim place in the State and thousands of devotees visit the town daily. However there are no facilities for scientific disposal of sewage. PP to explore possibility to provide sewage treatment plant to the Khandoba Mandir and Bhakta Niwas at Jejuri form their CER funds in consultation with the Divisional Commissioner and District Collector.

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 issued by MoEF & CC published in April, 2015 in 154th meeting held on 29.08.2018 wherein ToR was grnated to the PP as per standard ToR points and following additonal ToR points for the preparation of EIA/EMP report.

1. PP to submit certificate of incorporation of the company, list of directors and memorandum of articles.

2. PP to submit lay out plan showing internal roads with six meter width and nine meter turning radius, location of pollution control equipment, parking areas, Raw Material and Finished product storage areas, 33% green belt with its dimensions, rain water harvesting pit/tank locations with dimensions, storm water drain lines, along with area statement showing calculations of each area and cross sections of storm water drain and rain water harvesting pits etc.

3. PP to include details of measures adopted to reduce water requirement in the proposed expansion and submit comparison with existing water requirement and production quantities.

4. PP to explore possibility to recover waste heat by way of process re-engineering and submit a report.

5. PP to carry out risk assessment and submit disaster management plan.

6. PP to provide adequate space for the storage of finished products and raw materials and mark the same on lay out.

7. PP to submit structural stability certificate of existing structures with respect to the accommodation of proposed expansion.

8. PP to provide new and renewable energy for illumination of office buildings and street lights.

9. PP to include slag management and disposal plan in the EIA report.

Now PP submitted EIA/EMP report for appraisal.

Public Consultation to be carried out as per procedure stipulated in the EIA Notification,2006.

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

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

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

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

DECISION OF SEAC

Public Hearing was conducted on 17.07.2019 and reprot included in the EIA report.

After deliberations with the PP and their accredited consultant SEAC-1 decided to recommend the proposal for prior Environemntal Clearance subject to follwoing conditions.

Specific Conditions by SEAC:

1) PP to explore possibility to obtain other plot to store and use of waste slag for brick manufacturing so as provide additional space on the existing plot.
2) PP to provide STP for the treatment of domestic sewage.
3) PP to provide new and renewable energy for illumination of office buildings ,street lights ,parking areas etc.
4) PP to explore possibility to provide sewage treatment plant to the Khandoba Mandir and Bhakta Niwas at Jejuri form their CER funds in consultation with the Divisional Commissioner and District Collector.
5) PP to include water and carbon foot print monitoring in their management plan.

FINAL RECOMMENDATION

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

178th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 178th - Day-2 **Meeting Date** February 18, 2020

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

Is a Violation Case: No

1.Name of Project	M/s. Gokul Dattatray Shinde Gat No- 6/3/A/1 (Part) A/P Dahitane Tal. Akkalkot Dist. Solapur(M.S.)
2.Type of institution	Private
3.Name of Project Proponent	Gokul Dattatray Shinde
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha- Hitech Products, Bangalore
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	Gat No- 6/3/A/1 (Part)
9.Taluka	Akkalkot
10.Village	Dahitane
Correspondence Name:	Gokul Dattatray Shinde
Room Number:	Not applicable
Floor:	Not applicable
Building Name:	Not applicable
Road/Street Name:	Not applicable
Locality:	Not applicable
City:	Not applicable
11.Whether in Corporation / Municipal / other area	Grampanchayat Dahitane
12.IOD/IOA/Concession/Plan Approval Number	Mining Plan AND GRAMPANCHAYAT NOC
	IOD/IOA/Concession/Plan Approval Number: MIN-Adm/599/2019/848
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	3.25 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 15-07-2019
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	20000000

22.Number of buildings & its configuration

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone Minor Mineral	0	4787	4787

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	14
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	14
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	1.5	1.5	0	0.5	0.5	0	1	1
Industrial Process	0	7.5	7.5	0	7.5	7.5	0	0	0
Gardening	0	5	5	0	5	5	0	0	0
Fresh water requirement	0	14	14	0	14	14	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 85 m and 100 m in summer season.
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	**Natural water drainage pattern:**	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	1
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Not applicable
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable

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

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	DIESEL	0	200 TO 300 lit/day	200 TO 300 lit/day
41.Source of Fuel		NEAR BY FUEL STATION		
42.Mode of Transportation of fuel to site		BY Road		

43.Green Belt Development	**Total RG area :**	10725 sqm
	No of trees to be cut :	0
	Number of trees to be planted :	15000
	List of proposed native trees :	Gulmohar, Moha, Kadulimb, Sag, Behada, Amla, Kavath, Gela, Ain etc
	Timeline for completion of plantation :	UPTO PLAN PERIOD

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Delonix regia	Gulmohar	250	.
2	Mahua longifolia	Moha	200	.
3	Azadirachta indica	Kadulimb	250	.
4	Tectona grandis	Sag	200	.
5	Terminalia bellirica	Behada	200	.
6	Phyllanthus emblica	Amla	200	.
7	Ficus benghalensis	Kavath	200	.
45.Total quantity of plants on ground				

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

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

47.Energy

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

48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems

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

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not applicable	Not applicable	Not applicable

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	3.0	1.0
2	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	2.5	0.30
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.5	0.30

4	Occupational health and safety	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety shoes), Periodic health check ups of workers	1.3	0.40
5	Environmental Monitoring Programme	Regular Monitoring for ambient air, noise, surface water, ground water	0.2	0.20

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

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

52.Any Other Information

No Information Available

53.Traffic Management

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

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	Not applicable
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

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

Brief information of the project by SEAC

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

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.

178th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 178th - Day-2 **Meeting Date** February 18, 2020

Subject: Environment Clearance for Expansion of existing sugar uit from 4000 to 8250 TCD and co-generation from 21 to 35 MW

Is a Violation Case: No

1.Name of Project	Expansion of existing sugar unit from 4000 to 8250 TCD and co-generation from 21 to 35 MW
2.Type of institution	Private
3.Name of Project Proponent	The Malegaon Sahakari Sakhar Karkhana Ltd
4.Name of Consultant	Vasantdada Sugar Institute Manjari (Bk.) Pune
5.Type of project	others
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Shivnagar
9.Taluka	Baramati
10.Village	Malegaon Bk
Correspondence Name:	Mr. V. M. Wable
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Shivnagar, Malegaon (Bk.)
City:	Baramati
11.Whether in Corporation / Municipal / other area	other area
12.IOD/IOA/Concession/Plan Approval Number	NA
	IOD/IOA/Concession/Plan Approval Number: Not applicable
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	No work has been initiated
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	Total: 724387 sq.m (179 acres) out of which 10842 sq.m allotted for proposed expansion
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): NA
	c) Total BUA area (sq. m.): 0.0
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** NA
	Approved Non FSI area (sq. m.): NA
	Date of Approval: 01-01-1900
19.Total ground coverage (m2)	NA
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	NA
21.Estimated cost of the project	955500000.00

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
3	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)	Provision of approx. 9 m width at turn
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Not applicable
29.Existing structure (s) if any	Existing structure is as sugar process building along with co-generation unit, godown, admin building, stack, ETP
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	Sugar	14175.0	15045.0	29220.0
2	Bagasse	34320.0	36465.0	70800.0
3	Molasses	4800.0	5100.0	9900.0
4	Pressmud	4440.0	4718.0	9158.0
5	Electricity	21 MW	14 MW	35 MW

32.Total Water Requirement

Dry season:	**Source of water**	Nira left bank canal
	Fresh water (CMD):	182.0 (Crushing Season)
	Recycled water - Flushing (CMD):	8294 (Crushing Season)
	Recycled water - Gardening (CMD):	825.0
	Swimming pool make up (Cum):	not applicable
	Total Water Requirement (CMD) :	not applicable
	Fire fighting - Underground water tank(CMD):	34400.0
	Fire fighting - Overhead water tank(CMD):	not applicable
	Excess treated water	not applicable
Wet season:	**Source of water**	Nira left bank canal
	Fresh water (CMD):	536.0 (Non crushing season)
	Recycled water - Flushing (CMD):	1361.0 (Non crushing season)
	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):	34400.0
	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	73	13	86	29	7	36	58.4	10.6	69
Industrial Process	64	32	96	0.0	0	0	64	32	96
Cooling tower & thermopack	400	50	450	400	50	450	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	18-20 m
	Size and no of RWH tank(s) and Quantity:	59.0 m X 39.4 m X 4.0 m
	Location of the RWH tank(s):	Near co-generation unit
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	05.0 Lakhs
	Budgetary allocation (O & M cost) :	2 Lakhs
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	by gravity
	Quantity of storm water:	40400 CM/Annum
	Size of SWD:	06 X 0.450 mm
Sewage and Waste water	**Sewage generation in KLD:**	69 KLD from process building
	STP technology:	Membrane Bio Reactor
	Capacity of STP (CMD):	100 KLPD
	Location & area of the STP:	In sugar complex
	Budgetary allocation (Capital cost):	75 Lakh
	Budgetary allocation (O & M cost):	12 Lakh
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Top soil quantity will be minor
	Disposal of the construction waste debris:	Top soil will be used for gardening purpose
Waste generation in the operation Phase:	**Dry waste:**	Total ash generation 6657 TPA
	Wet waste:	ETP sludge: 90-95 TPA, CPU sludge: 30-40 TPA
	Hazardous waste:	Spent Oil: 1-2 KL/A
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	10.5 TPA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	The generated ash will be mixed with ready compost and sell to brick manufacturer as per demand
	Wet waste:	ETP sludge will be utilized as manure
	Hazardous waste:	Spent oil will be mixed with bagasse and burnt into boiler
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	mixed into soil
	Others if any:	NA
Area requirement:	**Location(s):**	Existing sugar unit
	Area for the storage of waste & other material:	26661.36 sq.mt
	Area for machinery:	17527.43.mt
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	272 Lakhs
	O & M cost:	32 Lakh

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	pH	-	4 to 5.5	6.5 to 8.5	5.5 to 9.0
2	BOD	mg/lit	1200 - 1500	<30	30
3	COD	mg/lit	3000 - 4000	<250	250
4	TDS	mg/lit	1200-1500	<2100	2100
5	TSS	mg/lit	600 - 800	<100	100

Amount of effluent generation (CMD):	825 CMD
Capacity of the ETP:	1000 CM
Amount of treated effluent recycled :	825 CMD will be used for irrigation
Amount of water send to the CETP:	NA
Membership of CETP (if require):	NA
Note on ETP technology to be used	Two stage biological treatment (Anaerobic followed by aerobic system)
Disposal of the ETP sludge	ETP sludge will be utilized as manure

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Spent Oil	5.1	KL/A	1.5	0.5	2 KL/A	Mixed with bagasse and burnt into own boiler

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	Bagasse: 1827 TPD	1	76.0	4.1	140.0

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Bagasse (During season)	893.23 TPD	931.77 TPD	1827.0 TPD
2	Bagasse (During off season)	352.0 TPD	-	352.0 TPD
41.Source of Fuel		own sugar industry		
42.Mode of Transportation of fuel to site		Closed conveyor belt		

43.Green Belt Development	**Total RG area :**	44782.34 sq. m (11.06 acres)
	No of trees to be cut :	NA
	Number of trees to be planted :	5000 nos
	List of proposed native trees :	Neem, babhul, karanj, wad, pimpal , Jambhul , Chinch etc.
	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	Azadiracta indica	Neem	700	Fly ash tolerant, tolerant of alkaline and saline soil, common in the area
2	Arecaceae	Palm	80	noise barrier
3	Pongamia pinnata	Karanj	650	ash tolerant, used for making biofuel
4	Tamarind indica	Chinch	650	Tolerant to acidic soil
5	Syzygium cumini	Jambhul	350	medicinal plant, common in region
6	Ficus religiosa	Pimpal	250	tolerant to air & noise pollution
7	Bambusa vulgaris	Bamboo	400	noise barrier
8	Mangifera indica	Mango	450	tolerant to air & noise pollution
9	Ficus bengalansis	Wad	200	fluoride tolerant, common in region
10	Acacia leucophlola	subabhul	200	dust tolerant, very common in the region
11	Aegal marmalosea	Bel	250	tolerant to air pollution
12	Delonix regia	Gulmohor	70	Fly ash tolerant
13	Emblicaofficinalis	Avala	200	-
14	Cordia spp.	Bhokar	200	Dust tolerant
15	Albiziasaman	Shirish	150	Tolerant of CO2
16	Anonasquamosa	Sitaphal	200	Fly ash tolerant
45.Total quantity of plants on ground				

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

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

47.Energy

Power requirement:	**Source of power supply :**	own cogeneration plant
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	During season: 11.85 MW, During off season: 1.97 MW
	During Operation phase (Demand load):	NA
	Transformer:	NA
	DG set as Power back-up during operation phase:	625 KVA
	Fuel used:	Diesel
	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	0

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Boiler Stack	Electrostatic precipitator	Electrostatic precipitator
Process effluent	ETP	ETP with modification/upgradation

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

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

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air pollution	Air pollution control equipment (ESP) with RCC chimney	195	28

2	Air pollution	Ash & bagasse handling	20	10
3	Water pollution	Water pollution - ETP modification with new STP & CPU	272	32
4	Environment monitoring	Environment monitoring and management	30	10
5	Rain water harwesting	Rain water harvesting	5	2
6	Solid waste management	Environment management plan	20	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
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:	Two junction to the main road
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	35,452.63 sq.mt
	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:	Public and State transport facility available
	Width of all Internal roads (m):	minimum 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	Sugar Industry: 5 (j) and biomass based power plants: 1 (d)
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	27-04-2018

TOR Suggested Changes

Consolidated Statement Point Number	Original Remarks	Submitted Changes
15	179 acres	141640 sq. m.

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP submitted EIA report to the committee. Various aspects of the Environment are discussed in the report. PP has conducted base line data collection for Air, Water, Soil & Noise parameters as per EIA Notification, 2006 amended from time to time. As per data submitted by the PP in the EIA report environmental parameters are found within the prescribed limits.
Water Budget	PP submitted water budget calculations in the EIA report and also indicated water requirement at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP proposes ETP for the treatment of effluent.
Drainage pattern of the project	PP considered contour levels in designing of the storm water drains.
Ground water parameters	As per data submitted by PP, ground water parameters are within the prescribed limits at project site.
Solid Waste Management	Ash will be mixed with ready compost and sale to the vendors for brick manufacturing. Spent oil will be mixed with bagagse and burnt in the boiler.
Air Quality & Noise Level issues	As per data submitted by PP, Air Quality and Noise parameters are within the prescribed limits at project site.
Energy Management	Will be supplied from in house co-gen plant.
Traffic circulation system and risk assessment	PP proposes to provide six meter wide internal roads with nine meter turning radius.
Landscape Plan	PP proposes 33% green belt within premises.
Disaster management system and risk assessment	PP prepared on site emergency plan.
Socioeconomic impact assessment	PP has carried out socio economic impact study and included in the EIA report.
Environmental Management Plan	PP proposes capital EMP cost of Rs. 542 Lakhs and recurring EMP cost of Rs. 87 lakhs.

Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 5(j)B1 & 1(d)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015 in 153rd meeting of SEAC-1 held on 30.06.2018 wherein the ToR was grnated to the PP along with additional ToR points.

PP has obtained earlier EC vide letter No. ENV(NOC) 2005/1614/CR-228/PI dated 26.05.2006.

PP to carry out Public Consultation as per procedure stipulated in the EIA Notification,2006 and submit report along with timelines for the implementation of the issues raised during the Public Consultation.

The Public Hearing was conducted on 04.12.2018.

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

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

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

ToR was granted to the PP in 153rd meeting of SEAC-1 held on 30.06.2018.

PP submitted EIA /EMP report and was considered by the SEAC-1 in their 166th A meeting held on 13.06.2019 whrein the proposal was deferred till submisison of compliance of following points.

After detailed deliberations with the PP and their accredited consultant, SEAC-1 decided to defer the proposal till submisison of complinace of follwing points.

1. PP has not submitted satisfactory compliance of the additiona ToR point No. 1,2,3 & 15. PP to submit revised compliance of the same with supporting documents.

2. PP to make necessary changes in the Consolidated Statement and ensure that information mentioned in the CS is in consonance with EIA report/Form-1&2.

3. PP to provide cul-de-sac at the dead endsof internal roads so as to ensure hassle free vehicular movement and submit revised layout.

4. PP to submit time bound action plan for bringing 100% sugar cane area under the drip irrigation.

5. PP to provide Sewage Treatment Plant in place of soak pits and submit design details.

6. PP to prepare and submit CER planin consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.

7. PP to submit compliance of the point No. 3(d) of standard ToR.

The proposal was considered in the 172nd meeting held on 22.11.2019 wherein the proposla was deferred till submisison of compliance of follwoing points,

1. PP to submit revised lay out plan showing entry/exit gates, internal road width of six meters, storm water drains, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas,33% green belt, location of cogeneration plant, rain water harvesting etc. along with area calculations.

2. PP to submit details of year wise crushing quantities against the consented quantities; PP also to submit an affidavit for not violating any requirement of EIA Notification, 2006 amended from time to time.

3. PP to submit structural stability certificate of existing structures to accommodate proposed expansion.

4. PP to submit details of cogeneration plant with its capacity, energy generation, onsite consumption and sale to MSEDCL along with details on the source of pollution and proposed mitigation measures.

5. PP to submit copy of agreement with water resources department for permission to lift of water from Nira left bank canal.

6. PP to provide Sewage Treatment Plant in place of soak pits and submit design details.

7. PP to submit detailed plan for disposal of all kinds of waste materials including molasses and ensure nothing to be discharged out side the factory premises.

8. PP to include design details of boiler and calculation of stack height in the EIA report.

9. PP to submit chemical analysis of ash along with quantities of generation and disposal.

10. PP to submit chemical analysis report of compost and in case it is to be used as soil manure, certificate to be obtained from competent authority for its suitability.

11. PP to prepare report in consultation with Sugar Cane Research Center/ Agriculture University for enhancement of sugar cane productivity by adopting improved management practices. PP to explore possibility of sugar cane production required for proposed expansion without bringing additional land under cultivation.

12. PP to submit plan to achieve 100% drip irrigation in the sugar cane fields under their jurisdiction along with arrangements of the funds and consent from the Board of Directors for the same.

13. PP to carry out HAZOP/ Risk Assessment and submit Disaster Management plan.

14. PP to include details of generation of hazardous and non-hazardous waste and its disposal in the EIA report.

15. PP to submit their plan to implement the CER as per OM issued by MoEF&CC dated 01.05.2018.

16. PP to include details of methodology used for socioeconomic survey and include the same in the EIA report.

17. PP to submit an undertaking for not having any eco sensitive area in the range of 5 KM from proposed project site.

18. PP has not submitted satisfactory compliance of the additional ToR point No. 1,2,3 & 15. PP to submit revised compliance of the same with supporting documents.

19. PP to make necessary changes in the Consolidated Statement. and ensure that information mentioned in the CS is in consonance with the EIA report/Form-1 & 2.

20. PP to provide cul-de-sac at the dead ends of internal roads so as to ensure hassle free vehicular movement an submit revised layout plan.

21. PP to submit time bound action plan for bringing 100% sugar cane area under the drip irrigation.

22. PP to provide Sewage Treatment Plant in place of soak pits and submit design details.

23. PP to prepare and submit CER plan in consultation with the District Authority as per OM issued by MoEF&CC dated 01.05.2018.

24. PP to submit compliance of the point No. 3(d) of standard ToR.

Now PP ubmitted compliance of above points.

DECISION OF SEAC

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

Specific Conditions by SEAC:

1) PP to provide sanitation facility, drinking water facility, solar energy as per requirements of Z.P.Schools in the study area of the project from their CER funds in consultation with the CEO, Zilla Parishad, Pune.
2) PP to include water and carbon foot print in their management plan.
3) PP to provide solar energy for the illumination of office building, street lights, parking area etc.
4) PP to Drip Irrihation.....

FINAL RECOMMENDATION

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

178th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 178th - Day-2 **Meeting Date** February 18, 2020

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

Is a Violation Case: No

1.Name of Project	M/s. Balraje Metal and Sand Tarfe Ashwini Sunil Ghatul, Gut no-10 (Part), Village- Kolharwadi, Taluka- Beed, Dist- Beed,
2.Type of institution	Private
3.Name of Project Proponent	Ashwini Sunil Ghatul
4.Name of Consultant	Dr. Prashant Banne of M/s. Sneha- Hitech Products, Bangalore
5.Type of project	Not applicable
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NOT APPLICABLE
8.Location of the project	Gut no-10 (Part),
9.Taluka	Beed
10.Village	Kolharwadi,
Correspondence Name:	Ashwini Sunil Ghatul
Room Number:	NOT APPLICABLE
Floor:	NOT APPLICABLE
Building Name:	NOT APPLICABLE
Road/Street Name:	NOT APPLICABLE
Locality:	Village- Kolharwadi, Taluka- Beed, Dist- Beed,
City:	BEED
11.Whether in Corporation / Municipal / other area	GRAMPANCHAYAT Kolharwadi
12.IOD/IOA/Concession/Plan Approval Number	Mining Plan AND GRAMPANCHAYAT NOC
	IOD/IOA/Concession/Plan Approval Number: STC-05/(Mining Plan)/2018/515 dtd 15/09/2018
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	1.18 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 15-09-2018
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	8500000

22.Number of buildings & its configuration

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone Minor Mineral	0	3419	3419

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	11
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	11
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	1	1	0	0.3	0.3	0	0.7	0.7
Industrial Process	0	6	6	0	6	6	0	0	0
Gardening	0	4	4	0	4	4	0	0	0
Fresh water requirement	0	11	11	0	11	11	0	0.7	0.7

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 85 m and 100 m in summer season.
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	**Natural water drainage pattern:**	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.7
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	Not applicable
	Disposal of the construction waste debris:	Not applicable
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Not applicable
	Others if any:	Not applicable

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

37.Effluent Charecterestics

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

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

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

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Delonix regia	Gulmohar	100	.
2	Mahua longifolia	Moha	100	.
3	Azadirachta indica	Kadulimb	100	.
4	Tectona grandis	Sag	100	.
5	Terminalia bellirica	Behada	100	.
6	Phyllanthus emblica	Amla	75	.
7	Ficus benghalensis	Kavath	75	.
45.Total quantity of plants on ground				

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

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

47.Energy

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

48.Energy saving by non-conventional method:

Not applicable

49.Detail calculations & % of saving:

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

50.Details of pollution control Systems

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

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Not applicable	Not applicable	Not applicable

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	2.4	0.75
2	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	2.0	0.20
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.0	0.15

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

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

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

52.Any Other Information

No Information Available

53.Traffic Management

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

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	Not applicable
	Category as per schedule of EIA Notification sheet	Not applicable
	Court cases pending if any	Not applicable
	Other Relevant Informations	Not applicable
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	03-10-2018

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	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
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 baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC
PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was considered in the 170th meeting of SEAC-1 held on 23.10.2019 wherein PP requestd to postpone the case. The proposal was cosidered in 175th meeting wherein PP requested to postpone the case.
DECISION OF SEAC

Dy. Collector ,Beed was present for the meeting.

After deliberations, SEAC-1 decided to recommend the proposal for prior Environemntal Clearance subejct to the follwoing conditions.

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 900 nos. of indigenous trees in 7.5 meter wide safety zone on the periphery of the proposed area with facility of drip irrigation and 300 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 confirm to the standards prescribed by MoEF&CC and CPCB.
6) PP to provide First Aid facility at the proposed mining site.
7) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
9) 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 Shahapur from their 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

FINAL RECOMMENDATION

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

178th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 178th - Day-2 **Meeting Date** February 18, 2020

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

Is a Violation Case: No

1.Name of Project	Stone Quarry Minor Mineral Project (1.50 Ha for mining activity) M/S VIJAY CONSTRUCTION COMPANY TARFE SHRI VIJAYSIH UDAYSINH DIKHAT, for Gat No- 467/9 (Part), Village- Dharur, Tal- Dharur, Dist- Beed
2.Type of institution	Private
3.Name of Project Proponent	Vijay Construction Company Tarfe Shri Vijaysinh Udaysinh Dikhakhat at Gat No 467/9 Part , Village Dharur, Tal- Dharur, Dist- Beed.
4.Name of Consultant	Dr. Prashant Banne of M/s Sneha Hi- Tech Products, Bangalore
5.Type of project	Others
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Gat No 467/9 Part
9.Taluka	Dharur
10.Village	Dharur
Correspondence Name:	Vijay Construction Company Tarfe Shri Vijaysinh Udaysinh Dikhakhat at Gat No 467/9 Part , Village Dharur, Tal- Dharur, Dist- Beed.
Room Number:	Not Applicable
Floor:	Not Applicable
Building Name:	Guru Krupa Niwas
Road/Street Name:	Katghapura
Locality:	Kille Dharur
City:	Dharur
11.Whether in Corporation / Municipal / other area	Other area Private land
12.IOD/IOA/Concession/Plan Approval Number	NA .. it is minor mineral proposal hence Mining Plan approved by Dy. Director (Regional Head), Directorate of Geology & Mining, Govt of Maharashtra, Aurangabad
	IOD/IOA/Concession/Plan Approval Number: Mining Plan approval no. STC (Mining Plan)/2018/514 dated 05/sep/2018
	Approved Built-up Area:
13.Note on the initiated work (If applicable)	Not applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not applicable
15.Total Plot Area (sq. m.)	1.50 Ha
16.Deductions	Not applicable
17.Net Plot area	Not applicable
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** Not applicable
	b) Non FSI area (sq. m.): Not applicable
	c) Total BUA area (sq. m.):
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** Not applicable
	Approved Non FSI area (sq. m.): Not applicable
	Date of Approval: 15-09-2018
19.Total ground coverage (m2)	Not applicable

20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	9000000

22.Number of buildings & its configuration

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

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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Black Stone Minor Mineral	0	4787	4787

32.Total Water Requirement

Dry season:	**Source of water**	Not applicable
	Fresh water (CMD):	13
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	13
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Wet season:	**Source of water**	Not applicable
	Fresh water (CMD):	Not applicable
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	Not applicable
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable
Details of Swimming pool (If any)	Not applicable	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**	**Existing**	**Proposed**	**Total**
Domestic	0	0.8	0.8	0	0.3	0.5	0	0.3	0.3
Industrial Process	0	12	12	0	12	12	0	0	0
Gardening	0	2	2	0	2	2	0	0	0
Fresh water requirement	0	12.8	12.8	0	12.8	12.8	0	0.3	0.3

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	Average water level of the project area in monsoon period is 85 m and 100 m in summer season.
	Size and no of RWH tank(s) and Quantity:	Not applicable
	Location of the RWH tank(s):	Not applicable
	Quantity of recharge pits:	Not applicable
	Size of recharge pits :	Not applicable
	Budgetary allocation (Capital cost) :	Not applicable
	Budgetary allocation (O & M cost) :	Not applicable
	Details of UGT tanks if any :	Not applicable
35.Storm water drainage	**Natural water drainage pattern:**	Not applicable
	Quantity of storm water:	Not applicable
	Size of SWD:	Not applicable
Sewage and Waste water	**Sewage generation in KLD:**	0.3
	STP technology:	NA : Septic tank followed by soak pit will be provided
	Capacity of STP (CMD):	Not applicable
	Location & area of the STP:	Not applicable
	Budgetary allocation (Capital cost):	NA : It is part of the stone quarry activity
	Budgetary allocation (O & M cost):	NA : It is part of the stone quarry activity
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	**Waste generation:**	NOT APPLICABLE
	Disposal of the construction waste debris:	NOT APPLICABLE
Waste generation in the operation Phase:	**Dry waste:**	The overburden and waste material will be used for green belt development and back-filled in the pit itself.
	Wet waste:	Sludge generated from septic tank
	Hazardous waste:	NOT APPLICABLE
	Biomedical waste (If applicable):	NOT APPLICABLE
	STP Sludge (Dry sludge):	NOT APPLICABLE
	Others if any:	NOT APPLICABLE

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

37.Effluent Charecterestics

Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

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

38.Hazardous Waste Details

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

39.Stacks emission Details

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

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	DIESEL	0	100 TO 150 lit/day	100 TO 150 lit/day

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

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

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

Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Delonix regia	Gulmohar	100	.
2	Mahua longifolia	Moha	100	.
3	Azadirachta indica	Kadulimb	200	.
4	Tectona grandis	Sag	50	.
5	Terminalia bellirica	Behada	100	.
6	Phyllanthus emblica	Amla	50	.
7	Ficus benghalensis	Kavath	100	.
45.Total quantity of plants on ground				

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

Serial Number	Name	C/C Distance	Area m2
1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

47.Energy

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

48.Energy saving by non-conventional method:

NOT APPLICABLE

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NOT APPLICABLE	NOT APPLICABLE

50.Details of pollution control Systems

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

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

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	NOT APPLICABLE	NOT APPLICABLE	NOT APPLICABLE

b) Operation Phase (with Break-up):

Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Air Pollution Control	Dust Suppression, Black topping of approach roads, Sprinkling of water on quarry and haul roads	2.6	0.80
2	Noise Pollution Control	Preventive Maintanence of all heavy machineries, Appropriate PPE's will be provides to workers	2.1	0.20
3	Green Belt Development	Afforestation will be done as per CPCB guidelines	1.0	0.15

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

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

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

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NOT APPLICABLE
Parking details:	**Number and area of basement:**	NOT APPLICABLE
	Number and area of podia:	NOT APPLICABLE
	Total Parking area:	NOT APPLICABLE
	Area per car:	NOT APPLICABLE
	Area per car:	NOT APPLICABLE
	Number of 2-Wheelers as approved by competent authority:	NOT APPLICABLE
	Number of 4-Wheelers as approved by competent authority:	NOT APPLICABLE
	Public Transport:	NOT APPLICABLE
	Width of all Internal roads (m):	NOT APPLICABLE
	CRZ/ RRZ clearance obtain, if any:	NOT APPLICABLE

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NOT APPLICABLE
	Category as per schedule of EIA Notification sheet	NOT APPLICABLE
	Court cases pending if any	NOT APPLICABLE
	Other Relevant Informations	NOT APPLICABLE
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	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
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 baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC
PP submitted their application for the grant for Environmental Clearance under category1 (a)B2 as per EIA Notification, 2006. The proposal was considered in the 170th meeting of SEAC-1 held on 23.10.2019 wherein PP remained absent. The proposal was considered in the 175th meeting of SEAC-1 held on 15.01.2020 wherein PP requested to postpone the case.
DECISION OF SEAC

Dy. Collector Shri. Manik Aher was present for the meeting.

After deliberations, SEAC-1 decided to recommend the proposal for prior Environmental Clearance subject to the following conditions.

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 900 nos. of indigenous trees in 7.5 meter wide safety zone on the periphery of the proposed area with facility of drip irrigation and 300 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 confirm to the standards prescribed by MoEF&CC and CPCB.
6) PP to provide First Aid facility at the proposed mining site.
7) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
9) 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 Dharur from their CER funds (Rs. 4.0 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

FINAL RECOMMENDATION

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

178th Meeting of State Level Expert Appraisal Committee (SEAC-1)

SEAC Meeting number: 178th - Day-2 **Meeting Date** February 18, 2020

Subject: Environment Clearance for Stone quarry of M/s.Dilip Buildcon Limited for National Highway (NH-166, Package II) Project in Sangli District at Gat No.249 Part,Village-Bevnoor, Tal.-Jath,Dist.-Sangli, Area-1.40 Ha

Is a Violation Case: No

1.Name of Project	Stone quarry of M/s.Dilip Buildcon Limited for National Highway (NH-166, Package II) Project in Sangli District at Gat No.249 Part,Village-Bevnoor, Tal.-Jath,Dist.-Sangli, Area-1.40 Ha
2.Type of institution	Private
3.Name of Project Proponent	M/s.Dilip Buildcon Limited
4.Name of Consultant	Equinox Environments(I) Pvt.Ltd.
5.Type of project	Mining of Minor Minerals
6.New project/expansion in existing project/modernization/diversification in existing project	NEW
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA
8.Location of the project	Gat No.249 Part, BP1- 17°13'14.05"N TO 75° 1'0.61"E BP2- 17°13'17.02"N TO 75° 1'1.74"E BP3- 17°13'16.85"N TO 75° 1'7.48"E BP4- 17°13'13.94"N TO 75° 1'5.24"E
9.Taluka	Jath
10.Village	Bevnoor
Correspondence Name:	Shri Niashikant Tiwari
Room Number:	Plot no.5
Floor:	Inside Govind Narayan Singh Gate
Building Name:	Inside Govind Narayan Singh Gate
Road/Street Name:	Kolar road
Locality:	Chuna Bhatti
City:	Bhopal
11.Whether in Corporation / Municipal / other area	Grampanchayat
12.IOD/IOA/Concession/Plan Approval Number	Mining Plan
	IOD/IOA/Concession/Plan Approval Number: MIN-Adm/695/2019/390
	Approved Built-up Area: 14000
13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Awarded by National Highway Authority Of India
15.Total Plot Area (sq. m.)	14000
16.Deductions	0
17.Net Plot area	1.40 Ha
18 (a).Proposed Built-up Area (FSI & Non-FSI)	**a) FSI area (sq. m.):** NA
	b) Non FSI area (sq. m.): 14000
	c) Total BUA area (sq. m.): 14000
18 (b).Approved Built up area as per DCR	**Approved FSI area (sq. m.):** NA
	Approved Non FSI area (sq. m.): NA
	Date of Approval: 15-03-2019
19.Total ground coverage (m2)	0
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	0
21.Estimated cost of the project	5500000

22.Number of buildings & its configuration

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	0	0	0

23.Number of tenants and shops	0
24.Number of expected residents / users	0
25.Tenant density per hectare	0
26.Height of the building(s)	
27.Right of way (Width of the road from the nearest fire station to the proposed building(s)	0
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	0
29.Existing structure (s) if any	0
30.Details of the demolition with disposal (If applicable)	NA

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Stone,Murrum(Minor Mineral)	0	17192	17192

32.Total Water Requirement

Dry season:	**Source of water**	Water Tanker
	Fresh water (CMD):	2
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	NA
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Wet season:	**Source of water**	NA
	Fresh water (CMD):	NA
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	NA
	Fire fighting - Underground water tank(CMD):	NA
	Fire fighting - Overhead water tank(CMD):	NA
	Excess treated water	NA
Details of Swimming pool (If any)	NA	

33.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1	1	0	1	1	0	0	0
Gardening	0	1	1	0	1	1	0	0	0

34.Rain Water Harvesting (RWH)	**Level of the Ground water table:**	40 mbgl
	Size and no of RWH tank(s) and Quantity:	NA
	Location of the RWH tank(s):	NA
	Quantity of recharge pits:	1
	Size of recharge pits :	Quarry Pit will act as a Ground water recharge pit
	Budgetary allocation (Capital cost) :	0
	Budgetary allocation (O & M cost) :	0
	Details of UGT tanks if any :	NA
35.Storm water drainage	**Natural water drainage pattern:**	Garland drains along the peripheral area within safety barrier zone
	Quantity of storm water:	0
	Size of SWD:	1m x 1m along peripheral of lease area
Sewage and Waste water	**Sewage generation in KLD:**	0.30
	STP technology:	Biotoilet shall be proposed
	Capacity of STP (CMD):	0
	Location & area of the STP:	0
	Budgetary allocation (Capital cost):	50000
	Budgetary allocation (O & M cost):	0
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:**	All available minable materials (Stone,Murrum) are usable.Top soil shall be utilised for Green belt development along the peripheri of mine lease area and quarry roads
	Wet waste:	0
	Hazardous waste:	0
	Biomedical waste (If applicable):	0
	STP Sludge (Dry sludge):	NA
	Others if any:	NA

Mode of Disposal of waste:	**Dry waste:**	All available minable materials (Stone,Murrum) are usable.Top soil shall be utilised for Green belt development along the peripheri of mine lease area and quarry roads
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	**Location(s):**	NA
	Area for the storage of waste & other material:	0
	Area for machinery:	0
Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	0
	O & M cost:	0

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):	0
Capacity of the ETP:	0
Amount of treated effluent recycled :	0
Amount of water send to the CETP:	0
Membership of CETP (if require):	NA
Note on ETP technology to be used	NA
Disposal of the ETP sludge	NA

38.Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	NA	NA	NA	0	0	0	NA

39.Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	NA	NA	NA	0	0	0

40.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	NA	0	0	0

41.Source of Fuel	NA
42.Mode of Transportation of fuel to site	NA

43.Green Belt Development	**Total RG area :**	0.3608
	No of trees to be cut :	0
	Number of trees to be planted :	60
	List of proposed native trees :	As Follows
	Timeline for completion of plantation :	One 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	Chinch	Tamarindus indica	15	Tolerant and Fast
2	Kadunimb	Azadirachta indica	15	Tolerant and Fast
3	Shisaw	Dalbergia sisoo	15	Round,Tolerant and Fast
4	Amaltas	Cassia Fistula	15	Tolerant and Fast
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)	0
	DG set as Power back-up during construction phase	0
	During Operation phase (Connected load):	5 HP
	During Operation phase (Demand load):	5 HP
	Transformer:	NA
	DG set as Power back-up during operation phase:	NA
	Fuel used:	NA
	Details of high tension line passing through the plot if any:	NA

48.Energy saving by non-conventional method:

LED Lights and Solar bulbs shall be used

49.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	LED Lights and Solar bulbs	40

50.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Environmental Monitoring	NA	Air, water, noise, soil
Green belt	NA	Plantation
Haul road maintenance	NA	Air pollution control
Water sprinkling	NA	Water sprinkling

Budgetary allocation (Capital cost and O&M cost):	**Capital cost:**	0
	O & M cost:	0

51.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Environmental Monitoring	Air, water, noise, soil	0
2	Green belt	Plantation	0.3
3	Haul road maintenance	Air pollution control	1.8
4	Water sprinkling	Water sprinkling	0

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	Air, water, noise, soil	0	1.0
2	Green belt	Plantation	0.30	0.15
3	Haul road maintenance	Air pollution control	1.8	0.5
4	Water sprinkling	Water sprinkling	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
NA	NA	NA	0	0	0	NA	NA

52.Any Other Information

No Information Available

53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	NA
Parking details:	**Number and area of basement:**	NA
	Number and area of podia:	NA
	Total Parking area:	NA
	Area per car:	NA
	Area per car:	NA
	Number of 2-Wheelers as approved by competent authority:	NA
	Number of 4-Wheelers as approved by competent authority:	NA
	Public Transport:	NA
	Width of all Internal roads (m):	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	NA
	Court cases pending if any	NA
	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

Environmental Impacts of the project	PP proposes to provide mitigation measures for dust control, vehicular emission, domestic waste water, etc.
Water Budget	PP submitted water budget calculations at Sr. No 33 of the Consolidated Statement.
Waste Water Treatment	PP to provide movable toilets to the workers working in the mine area and sewage generated shall be properly collected and treated so as to 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	No ground water withdrawal is permitted in the proposed mine area.
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 baring capacity road for safe plying of the heavy vehicles transporting mined material.
Landscape Plan	PP proposes to develop green belt on the mined area, the mined pits will be created as water reservoirs with all necessary safety provisions.
Disaster management system and risk assessment	PP proposes to provide medical aid facility on the site. DGM approved mine manager will be appointed by the PP.
Socioeconomic impact assessment	Not Applicable
Environmental Management Plan	PP submitted EMP cost calculations at Sr. No. 51 of the Consolidated Statement.
Any other issues related to environmental sustainability	Mining / loading activity should carried out only in in day hours' time.

Brief information of the project by SEAC

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

The proposal was earlier considered in the 170th meeting of SEAC-1 held on 23.10.2019 wherein proposal was deferred with follwing remarks

During deliberations, it is observed that, the excavation is carried out on site. In view of this SEAC-1 asked DMO to submit an investigation report 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 the District Collector/ Additional Collector.

Hence, deferred

Now PP submitted compliance of above points.

DECISION OF SEAC

After deliberations, SEAC-1 decided to recommend the proposal for prior Environment Clearance subject to the following conditions.

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 600 nos. of indigenous trees in 7.5 meter wide safety zone on the periphery of the proposed area with facility of drip irrigation and 1700 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 confirm to the standards prescribed by MoEF&CC and CPCB.
6) PP to provide First Aid facility at the proposed mining site.
7) PP proposes Jackhammer drilling in proposed quarry. The jackhammer drills produces more noise and do not have inbuilt water injection system. PP to ensure protective measures are provided to reduce noise exposure and dust emission due to drilling and blasting activity.
8) PP to implement mine closure plan as approved by the competent Authority. PP to provide dry wall of around one meter along with barbed wire fencing to the mining lease area to ensure safety of animals and humans.
9) 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, Gents/Ladies sanitation facility in the Z.P. School in village Bevnor from their CER funds in consultation with the District Authority.

FINAL RECOMMENDATION

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