



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: January 27, 2020

To,
M/S. PAWANPUTRA CONCRETE SOLUTIONS PVT. LTD. Shri. Yogesh Ghanshyam Taori
at KH. NO. 147/1, 147/2, 147/3, 147/4, Village - Saiki, Tehsil/Taluka- Umred, District Nagpur, State Maharashtra

Subject: Environment Clearance for Proposed Mining Lease, Village - Saiki

Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its 173rd - Day 3rd meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its 185th meetings.


2. It is noted that the proposal is considered by SEAC-I under screening category B2 as per EIA Notification 2006.

Brief Information of the project submitted by you is as below :-

1.Name of Project	Saiki Stone Quarry (4.80 Ha.)
2.Type of institution	Private
3.Name of Project Proponent	M/S. PAWANPUTRA CONCRETE SOLUTIONS PVT. LTD. Shri. Yogesh Ghanshyam Taori
4.Name of Consultant	Sri Sai Manasa Nature Tech Private Limited
5.Type of project	NA
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	KH. NO. 147/1, 147/2, 147/3, 147/4, Village - Saiki, Tehsil/Taluka- Umred, District Nagpur, State Maharashtra
9.Taluka	Umred
10.Village	Saiki
Correspondence Name:	M/S. PAWANPUTRA CONCRETE SOLUTIONS PVT. LTD.
Room Number:	35, Shrika Corporate, 202, 203,
Floor:	Pande layout, Khamla, Nagpur
Building Name:	NA
Road/Street Name:	NA
Locality:	Khamla
City:	Nagpur
11.Whether in Corporation / Municipal / other area	Other Area
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area:

SEIAA Meeting No: 185 Meeting Date: January 10, 2020 (SEIAA-STATEMENT-000003408)
SEIAA-MINUTES-000002942
SEIAA-EC-000002087

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Shri. Anil Diggikar (Member Secretary SEIAA)

13.Note on the initiated work (If applicable)	NA
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	NA
15.Total Plot Area (sq. m.)	4.80 HA
16.Deductions	NA
17.Net Plot area	NA
18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): NA
	Non FSI area (sq. m.): NA
	Total BUA area (sq. m.):
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: 28-11-2018
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	5800000



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22. Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	STONE	0	250000	250000

23. Total Water Requirement

Dry season:	Source of water	WATER TANKER SUPPLIER
	Fresh water (CMD):	8 KLD
	Recycled water - Flushing (CMD):	NA
	Recycled water - Gardening (CMD):	NA
	Swimming pool make up (Cum):	NA
	Total Water Requirement (CMD) :	8 KLD
	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)	Not applicable	

24.Details of Total water consumed

Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	0	1.5	1.5	0	0.45	0.45	0	1.05	1.05
Industrial Process	0	5.216	5.216	0	5.216	5.216	0	0	0
Gardening	0	1.284	1.284	0	0	0	0	0	0

25.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:	NA
	Size of recharge pits :	NA
	Budgetary allocation (Capital cost) :	NA
	Budgetary allocation (O & M cost) :	NA
	Details of UGT tanks if any :	NA

26.Storm water drainage	Natural water drainage pattern:	SUB-DENDRITIC
	Quantity of storm water:	NA
	Size of SWD:	NA

27.Sewage and Waste water	Sewage generation in KLD:	1.05
	STP technology:	SOAK PIT
	Capacity of STP (CMD):	NA
	Location & area of the STP:	South West
	Budgetary allocation (Capital cost):	50000
	Budgetary allocation (O & M cost):	10000

28.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 PRODUCT IS SALEABLE
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Mode of Disposal of waste:	Dry waste:	NA
	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:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

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29.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			



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30.Hazardous Waste Details

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

31.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

32.Details of Fuel to be used

Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	0	1000 Ltr.	1000 Ltr.

33.Source of Fuel: Nearby Fuel Station

34.Mode of Transportation of fuel to site: Mobile Van

35.Energy

Power requirement:	Source of power supply :	MSEBL
	During Construction Phase: (Demand Load)	NA
	DG set as Power back-up during construction phase	NA
	During Operation phase (Connected load):	11 kVA Phase Power Supply
	During Operation phase (Demand load):	11 kVA Phase Power Supply
	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

Energy saving by non-conventional method:

NA

36.Detail calculations & % of saving:

Serial Number	Energy Conservation Measures	Saving %
1	NA	NA

37.Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
Vehicular Movement and handling of minerals	0	Sprinklers and Dust suppression through Water tanker

Budgetary allocation (Capital cost and O&M cost):	Capital cost:	2.0 Lakhs
	O & M cost:	0.50 Lakhs

38.Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Plantation	NA	4000

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	Dust Suppression through Water Tanker	7.51	-
2	Water Pollution	Pits and garland drain	2.0	0.20
3	Plantation	80 trees	0.20	2.0
4	Noise Pollution	Ear muffs to workers	0.20	0.20
5	Environmental Monitoring	Analysis of air, water & Noise	-	2.0

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

Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
HIRE BASIS	AUTHORIZED AGENCY	NEARBY AGENCY	NA	NA	5	LICENSED VENDOR	EXPLOSIVE VAN

40.Any Other Information

No Information Available

	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	UMRED KARANDHLA WILDLIFE SANCTUARY 21.0 KM AT SW DIRECTION
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	NO
	Other Relevant Informations	BP1 20°55'39.13"N 79°11'51.59"E BP2 20°55'37.54"N 79°11'56.02"E BP3 20°55'26.33"N 79°11'52.17"E BP4 20°55'28.28"N 79°11'48.18"E BP5 20°55'35.21"N 79°11'50.17"E
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	

3. The proposal has been considered by SEIAA in its 185th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

Specific Conditions:

I	DMO to demarcate the lease area and 7.5 meter wide safety zone on the periphery of the proposed area before taking any effective steps on site.
II	PP to develop 7.5 meter wide green belt along the periphery in the safety zone, the mined pits will be created as water reservoirs with all necessary safety provisions.
III	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.
IV	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.
V	PP to provide movable toilets/ bio toilets to the workers working in the area and the sewage generated shall be properly collected and treated so as to conform to the standards prescribed by MoEF&CC and CPCB.
VI	PP to provide First Aid facility at the proposed mining site.
VII	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.
VIII	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.
IX	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.
X	PP to obtain all necessary NOC's/Permissions from the competent Authority before commencing any work on proposed site.
XI	PP to ensure that no mining shall be done below the depth as approved in the mining plan.
XII	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.
XIII	PP to ensure no stream is diverted due to proposed quarrying activity.

XIV	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.
XV	PP to provide adequate channels to guide the rain water to reach the mined pit and to avoid any unforeseen incident.
XVI	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.
XVII	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.
XVIII	PP to ensure that there is no damage to any fauna and its nesting close to the proposed mining area.
XIX	PP to ensure that, the overburden be stored on site and shall be used for refilling of mine pit.
XX	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.
XXI	PP to ensure that parking shall not be made on Public roads. Parking shall be on pre decided place only.
XXII	The transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.
XXIII	PP to prepare and implement CER plan in consultation with the District Authority as per OM issued by MoEF&CC on 01.05.2018.
XXIV	PP to ensure additional air quality monitoring station around the periphery of village.
XXV	No hill cutting should be allowed during the quarrying.
XXVI	Blasting, crushing and transportation of crushed material should be carried out under covered conditions to avoid any kind of dust pollution.
XXVII	PP shall employ dust suppression measures by use of water sprinklers, foggers etc.
XXVIII	The PP shall undertake 2 rows of tree plantation along the lease boundary. Dust absorbing trees shall be planted.

General Conditions:



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I	<p>1. The validity period of the EC will be for 7 years as per MoEF&CC Notification dated 29th April, 2015 but limited to period of lease. 2. No hill cutting should be allowed during the quarrying.No aquifers should be disturbed either by blasting or by quarrying. 3. Blasting crushing & transportation of crushed material should be carried out under covered conditions to avoid any kind of dust pollution. 4. PP shall employ dust suppression measures by use of water sprinklers, foggers etc. 5. The PP shall undertake 2 rows of tree plantation along the lease boundary. Dust absorbing trees shall be planted. 6. Quarrying allowed only in the recharge zone of hills, not in run off or storage zone. For this purpose, GSDA should be involved to carry out intensive geophysical survey to identify such recharge zone where quarrying can be allowed. 7. The mining plan shall be approved first before initiating any mining operations. 8. Discharge of sewage from quarry sites should be strictly controlled 9. The quarries to maintain benches of 60 slope in the cut, 6 m depth in cut and 6 m for the bench 10. No dumping of material shall be allowed in the water resources of Nallas. 11. No quarrying should be allowed in the run-off zone of hilly areas. 12. After mining extraction is completed, the existing pits on site must be filled up and the closure must be supervised and certified by the District Mining Officer. 13. No quarry shall be allowed within safe distance from any habitation or human activity. 14. District Collector will take bank guarantee of Rs. 2,00,000/- OR upto 2% of the annual royalty, whichever is higher, for the given lease from the lease holder to ensure the compliance of the conditions stipulated. In case of violation of stipulated conditions by project proponent bank guarantee so obtained shall be forfeited and legal action under the law should be initiated against such project proponent. 15. It shall be ensured that there is no fauna dependent on the areas close to mining for its nesting. 16. To prevent dust / particulate matter pollution, the lease holder shall take up tree plantation in an area 10 m from the boundary of the leased area and also on either side of the road leading to the quarry from the already surfaced road. 17. District Collector to ensure that the provisions stipulated in Maharashtra Minor Minerals Extraction (development and Regulation) Rules shall be strictly adhered to. 18. The configuration of benches should be: 60 degrees slope in the cut, 6 mt depth for cut and 6 mt width for the bench. PP shall ensure that no quarrying is carried out in forest or zudpi jungle.No water sources shall be affected due to quarrying activity. All labor engaged in quarrying will be provided with protective gears like mask, helmets, boots etc. 19. District Collector to ensure that distance between one lease area and another lease area or clusters of lease area is more than 500 m. 20. Project Proponent to ensure that vehicles transporting stone should not be overloaded beyond stated capacity. also to ensure that there is no violation of the Hon'ble NGT, Hon'ble Supreme Court order given in related matters. 21. PP to prepare Mine closure plan and get it approved by the competent authority,PP will be held responsible personally for non-compliance of the conditions stipulated in the Environmental clearance and shall be liable for legal action under Environment (Protection) Act of 1986. 22. Transport of stone should be by vehicles which are properly covered with Tarpaulin and it should not be overloaded. 23. The lease holder shall undertake adequate safeguard measures during extraction of material and ensure that due to this activity, the hydro-geological regime of the surrounding area is not affected. The depth of quarrying should be above the levels of aquifers to avoid the contamination/ degradation of water quality of aquifers. Regular monitoring of ground water level and quality shall be carried out around the mine lease area during the mining operation. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity; necessary corrective measures shall be carried out. District Collector/mining officer shall ensure this. 24. Effective safeguards, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as loading and unloading point and all transfer points. Water sprinkling shall also be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard. The status of implementation of measures taken shall be reported to Environment Department. 25. This environmental clearance is issued subject to obtaining NOC from Forestry & Wild life angle including clearance from the standing committee of the National Board for Wild life as if applicable & this environment clearance does not necessarily implies that Forestry & Wild life clearance granted to the project which will be considered separately on merit.</p>
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4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

5. In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environment clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.

6. The Environment department reserves the right to add any stringent condition or to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the department or for that matter, for any other administrative reason.

7. Validity of Environment Clearance: The environmental clearance accorded shall be valid as per EIA Notification, 2006, and amendments by MoEF&CC Notification dated 29th April, 2015.

8. In case of any deviation or alteration in the project proposed from those submitted to this department for clearance, a fresh reference should be made to the department to assess the adequacy of the condition(s) imposed and to incorporate additional environmental protection measures required, if any.

9. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the public Liability Insurance Act, 1991 and its amendments.

10. Any appeal against this Environment clearance shall lie with the National Green Tribunal (Western Zone Bench, Pune), New Administrative Building, 1st Floor, D- Wing, Opposite Council Hall, Pune, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.


Shri. Anil Diggikar (Member Secretary SEIAA)

Copy to:

1. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. MUNICIPAL COMMISSIONER NAGPUR
6. REGIONAL OFFICE MPCB NAGPUR
7. REGIONAL OFFICE MIDC NAGPUR
8. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
9. COLLECTOR OFFICE BHANDARA
10. COLLECTOR OFFICE NAGPUR
11. COLLECTOR OFFICE WARDHA
12. COLLECTOR OFFICE GADCHIROLI