



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,
Room No. 217, 2nd floor,
Mantralaya, Annexe,
Mumbai- 400 032.
Date: February 18, 2019

To,
Tahsildar Mahsool Yavatmal
at Warodi Sand Quarry in the River bed of Penganga River, Kh. No. 116, 126, 132 to 135, 139 to 141

Subject: Environment Clearance for Sand Mining, Village - Warodi (River - Penganga), District - Yavatmal
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 160th 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 155th 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	Sand Mining, Village - Warodi (River - Penganga), District - Yavatmal
2.Type of institution	Government
3.Name of Project Proponent	Tahsildar Mahsool Yavatmal
4.Name of Consultant	Anacon Laboratories Private Limited, Nagpur
5.Type of project	Other
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	No
8.Location of the project	Warodi Sand Quarry in the River bed of Penganga River, Kh. No. 116, 126, 132 to 135, 139 to 141
9.Taluka	Mahagaon
10.Village	Warodi
Correspondence Name:	District Mining Officer, Yavatmal
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	NA
Locality:	Collector Office, Yavatmal
City:	Yavatmal
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: 155 Meeting Date: February 7, 2019 (SEIAA-STATEMENT-0000002194)
SEIAA-MINUTES-0000001007
SEIAA-EC-0000000703

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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.)	2.40 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: 04-10-2018
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	5184672

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22.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Sand	Nil	24422.4	24422.4
23.Total Water Requirement				
Dry season:	Source of water	Water Supplier		
	Fresh water (CMD):	5.3		
	Recycled water - Flushing (CMD):	NA		
	Recycled water - Gardening (CMD):	NA		
	Swimming pool make up (Cum):	NA		
	Total Water Requirement (CMD) :	5.3		
	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)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Industrial Process	0	5.3	5.3	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:		NA						
	Quantity of storm water:		NA						
	Size of SWD:		NA						
27.Sewage and Waste water	Sewage generation in KLD:		NA						
	STP technology:		NA						
	Capacity of STP (CMD):		NA						
	Location & area of the STP:		NA						
	Budgetary allocation (Capital cost):		NA						
	Budgetary allocation (O & M cost):		NA						

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:	NA
	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	NA	NA	NA	NA			
33.Source of Fuel		NA					
34.Mode of Transportation of fuel to site		NA					
35.Energy							
Power requirement:	Source of power supply :	Battery					
	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					
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				
Vehicle Movement	Nil		Water Sprinkling				
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA					
	O & M cost:	NA					
38.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	Environmental Monitoring programme	Monitoring for Air, water, noise & groundwater	NA	0.70			
2	Air Pollution Control	Water sprinkling during mining activities	NA	1.20			
3	Water Pollution Control	Construction of bund along lease boundary	0.50	NA			
4	Noise pollution	Plantation including tree guard	1.00	0.60			
5	Occupational Health & safety	Periodic Health Checkups of workers	NA	0.50			
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
NA	NA	NA	NA	NA	NA	NA	NA
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	NA
	Category as per schedule of EIA Notification sheet	B2
	Court cases pending if any	No
	Other Relevant Informations	Corner Latitude Longitude BP1 19°47'5.02"N 77°51'4.98"E BP2 19°47'5.75"N 77°51'6.09"E BP3 19°46'58.70"N 77°51'11.42"E BP4 19°46'56.61"N 77°51'13.68"E BP5 19°46'53.69"N 77°51'16.20"E BP6 19°46'51.43"N 77°51'19.62"E BP7 19°46'50.60"N 77°51'18.60"E BP8 19°46'52.72"N 77°51'15.28"E BP9 19°46'55.50"N 77°51'12.88"E BP10 19°46'57.78"N 77°51'10.42"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 155th 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	PP to ensure no stream is diverted due to sand mining activity.
II	PP shall carry out sand mining by manual method only. No mechanical/electrical/power driven devices shall be used for sand mining.
III	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.
IV	PP to adhere to the provisions stipulated in the Sustainable Sand Mining Guidelines issued by MoEF&CC, Maharashtra Minor Mineral Extraction (Development and Regulation) Rules, 2013 and Sand Extraction Policy issued by Maharashtra Government in Revenue and Forest Department.
V	PP to ensure strict compliance of all conditions stipulated in the Environmental Clearance. The District Collector and District Mining Officer shall be held responsible for the noncompliance of the conditions.
VI	PP to ensure that there is no damage to any fauna and its nesting close to the sand mining.
VII	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.
VIII	8. The District Collector and District Mining Officer shall ensure that there is no violation of any order with respect to the sand mining passed by the Competent Court. (Particularly, the directions given by Hon'ble Supreme Court of India vide order dated 27.02.2012 in Deepak Kumar case [SLP (C) Nos. 19628-19629 of 2009] and order dated 05.08.2013 of the Hon'ble National Green Tribunal in application No. 171/2013 be strictly followed.
IX	9. PP to provide movable 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.
X	PP to ensure that no wild life habitat is infringed.
XI	PP to ensure that parking shall not be made on Public roads or in the river bed.
XII	The sand transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.

XIII	PP to provide First Aid facility at the proposed mining site.
XIV	The digital processing of the entire lease area in the district using remote sensing technique including GPS shall be monitored regularly.
XV	District Collector and District Mining Officer to ensure the directions given by Hon'ble National Green Tribunal, Pune in Appeal No 10/2013 (WZ) dated 1st October 2013 as bellow- ".....However, we direct that when further auctioning process is required to be conducted, ordinarily, the sand beds falling between the sand beds which are now already auctioned shall be avoided unless there is special certification issued by the competent authority which would indicate absence of any environmental damage, having regard to precautionary principle which is required to be adopted. We mean to say, it should not happen that presently the sand beds are auctioned by keeping distance of 1 k.m. from each other and gap is filled up subsequently under one or another pretext." Distance between lease area to be marked as per actual shape and size, on Village Map or authenticated map available with Revenue Authority and ensure provisions regarding distance between two lease area and total lease area in the OM dated 24th December 2013 issued by MoEF. The validity of EC to the above mentioned sand block satisfying stipulated conditions is up to 30th September, 2019 only. This Environmental Clearance given is subject to the final order of application no. 520/2016 (Vikrant Tongad Vs Union of India & Oths) pending before Hon'ble NGT, Project proponent to follow the standard environmental conditions for sand mining, as per the sustainable sand mining management guidelines 2016, issued by MoEF & CC. Project proponent to ensure the strictly implementation of Environment management plan.

General Conditions:

I	District Collector and District Mining Officer to ensure the directions given by Hon'ble National Green Tribunal, Pune in Appeal No 10/2013 (WZ) dated 1st October 2013 as bellow- However, we direct that when further auctioning process is required to be conducted, ordinarily, the sand beds falling between the sand beds which are now already auctioned shall be avoided unless there is special certification issued by the competent authority which would indicate absence of any environmental damage, having regard to precautionary principle which is required to be adopted. We mean to say, it should not happen that presently the sand beds are auctioned by keeping distance of 1 k.m. from each other and gap is filled up subsequently under one or another pretext.
II	Distance between lease area to be marked as per actual shape and size, on Village Map or authenticated map available with Revenue Authority and ensure provisions regarding distance between two lease area and total lease area in the OM dated 24th December 2013 issued by MoEF
III	The validity of EC to the above mentioned sand block satisfying stipulated conditions is up to 30th September, 2019 only.
IV	Project proponent to follow the standard environmental conditions for sand mining of sustainable sand mining management guidelines 2016, issued by MoEF & CC.
V	Project proponent to ensure the strictly implementation of Environment management plan.
VI	District Collector to ensure that conditions stipulated in the Government Resolution (G.R.) dated 31.01.2018 issued by Revenue and Forest Department, Government of Maharashtra (GoM) is implemented in letter and spirit.
VII	Sand excavation is allowed only for the Reti Guts having sand deposition more than 2 m and excavation should be for layers above 2 m of sand deposit as recommended by GSDA.
VIII	The instructions of MoEF & CC in the Sustainable sand mining guidelines 2016 [regarding sand mining approval and tracking system and transport of excavated sand] should be followed.
IX	District Collector to ensure that every receipt given is serially scanned and registration number so generated must be written on such receipt to avoid duplication and unauthorized transportation of the sand.
X	Project Proponent to ensure that vehicles transporting sand should not be overloaded beyond stated capacity.
XI	The District collector should ensure that mining will be done strictly up to the depth recommended by GSDA.
XII	The green belt development /tree plantation will be made either on river bank or along road side.
XIII	Measures for prevention & control of soil erosion and management of silt shall be undertaken.
XIV	Project Proponent to ensure that there is no violation of the Supreme Court order and orders of the National Green Tribunal given in the related matters.
XV	Project Proponent & District Mining Officer will be held individually responsible for non compliance of the conditions stipulated in the Environmental clearance and shall be liable for legal action under Environment (Protection) Act of 1986.
XVI	Transport of sand should be through vehicle which is properly covered with Tarpaulin and it should not be overloaded.
XVII	Project Proponent to ensure that the mining plan is approved by Director of Geology and Mining comprising study to show that annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan and that the transport infrastructure is adequate to transport the mined material.

XVIII	Provisions stipulated in Maharashtra Minor Minerals Extraction (development and Regulation) Rules 2013 and Government Resolution of Revenue and Forest Department dated 03.01.2018 shall be strictly followed by Project proponent.
XIX	The depth of sand layer to be mined, after retaining 2 m minimum layer below, should not be more than 2 meters as per Government Resolution of Revenue Department dated 03.01.2018 e.g. if the total depth of sand is 3 m, only up to one meter of sand shall be mined.
XX	Project Proponent or District Collector will take bank guarantee up to 2% of the total auction cost for the given auction period from the Lessee to ensure the compliance of the conditions stipulated. In case of violation of stipulated conditions by the Lessee, bank guarantee so obtained shall be forfeited and legal action under the law should initiated against such Lessee.
XXI	The distance 3 m or 10 % of the width of river whichever is more will be kept intact as a no mining zone.
XXII	No cutting of the trees shall be done while excavating the sand or while constructing the access road to sand ghat.
XXIII	All mining shall be carried out manually.
XXIV	Underwater mining shall not be permitted without the specific expert sanction of the State Government only for prevention of flood and increasing the capacity of reservoir if any
XXV	It shall be ensured that excavation of minor mineral does not disturb or change the underlying soil characteristics of the river bed /basin, where mining is carried out.
XXVI	It shall be ensured that mining does not in any way disturb the turbidity, velocity and flow pattern of the river water.
XXVII	It shall be ensured that there is no fauna dependent on the river bed or areas close to mining for its nesting is disturbed.
XXVIII	Turtle nesting units conservation is very important. Therefore sand mining in such areas is to be prohibited.
XXIX	Precise mining area will be jointly demarcated at site by officials of Mining/Revenue department prior to mining operations for all proposals under consideration. Such site plan, duly verified by competent authority shall be submitted to Environment Department.
XXX	All necessary statutory clearances shall be obtained before start of mining operations.
XXXI	No mining shall be carried out in the live streams.
XXXII	Mining shall be limited to day hours time only.
XXXIII	No mining shall be carried out in the safety zone of any bridge and/or embankment.
XXXIV	No mining shall be carried out in the vicinity of natural/ manmade archaeological sites.
XXXV	The lease holder shall obtain necessary prior permission of the competent authorities for drawal of requisite quantity of water (surface water and groundwater), if required for the project.
XXXVI	Waste water, if any, shall be properly collected and treated so as to conform to the standards prescribed by MoEF/CPCB.
XXXVII	No wildlife habitat will be infringed.
XXXVIII	Environmental clearance is subject to obtaining clearance under the Wildlife (Protection) Act, 1972 from the competent authority, if applicable to this project.
XXXIX	Green belt development shall be carried out considering CPCB guidelines including selection of plant species and in consultation with the local DFO/Horticulture Officer.
XL	Parking of vehicles should not be made on public places.
XLI	Transportation of materials shall be done by covering the trucks / tractors with tarpaulin or other suitable mechanism so that no spillage of mineral/dust takes place.
XLII	It shall be ensured that there is no leakage of oil and grease from the vehicles used for transportation.
XLIII	Special Measures shall be adopted to prevent the nearby settlements from the impacts of mining activities. Maintenance of roads through which transportation of minor minerals is to be undertaken, shall be carried-out regularly.
XLIV	Provision for first-aid, medical health care safe drinking water, and sanitation etc. shall be provided at site.
XLV	Ambient air quality will be monitored at the site and the nearest habitation regularly. Ambient air quality at the boundary of the precise mining area shall conform to the norms prescribed by MoEF & CC, GOI.
XLVI	Measures shall be taken for control of noise level to the limits prescribed by CPCB
XLVII	Any change in mining area, khasra /Gat numbers, entailing capacity addition with change in process and or mining technology, modernization and scope of working shall again require prior Environmental Clearance as per provisions of EIA Notification, 2006 (as amended).

XLVIII	SEAC appraised the proposals on the basis of information submitted by concerned District Mining Officer. Mining Officer shall submit the list of blocks satisfying conditions stipulated above to Revenue & Environment dept. The list of blocks and conditions stipulated above shall be made available in public domain.
XLIX	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.
L	In case of submission of false document and non-compliance of stipulated conditions, Authority/ Environment Department will revoke or suspend the Environmental Clearance without any intimation and initiate appropriate legal action under Environmental Protection Act, 1986.
LI	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 after consultation with SEIAA.
LII	In case of any deviation or alteration in the project proposal from the one 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.
LIII	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.
LIV	Any appeal against this environmental 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

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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. REGIONAL OFFICE MPCB AMRAVATI
6. REGIONAL OFFICE MIDC AMRAVATI
7. MAHARASHTRA STATE ELECTRICITY DISTRIBUTION CO. LTD
8. COLLECTOR OFFICE AKOLA
9. COLLECTOR OFFICE AMRAVATI
10. COLLECTOR OFFICE BULDHANA
11. COLLECTOR OFFICE WASHIM
12. COLLECTOR OFFICE YAVATMAL