

152nd Meeting of State Expert Appraisal Committee (SEAC-1)	
SEAC Meeting number: 152nd (Day-3) Meeting Date June 14, 2018	
Subject: Environment Clearance for Environment Clearance for Opencast mining project, Markagondi Laterite Mine, proposed production capacity @ 1,25,000 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	Markagondi Laterite Mine
2.Type of institution	Private
3.Name of Project Proponent	Mr. Abdul Kadarbhai
4.Name of Consultant	Srushti Seva Private Limited
5.Type of project	Mining Project
6.New project/expansion in existing project/modernization/diversification in existing project	New Project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	Survey Nos. 111 and 115
9.Taluka	Jiwati
10.Village	Markagondi
Correspondence Name:	M/s Royal Pottery Ceramics ,
Room Number:	.
Floor:	.
Building Name:	.
Road/Street Name:	Mul Road
Locality:	SBI Colony, Opposite Mount Carmel School,
City:	Chandrapur-442401
11.Area of the project	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)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	Not applicable
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:
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	3531000
22.Number of buildings & its configuration	



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 1 of
65**

Signature:



Name: Dr. Umakant Gangotree Dangat

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

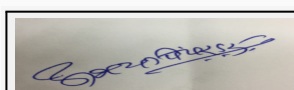
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)
1	Not applicable	Not applicable	Not applicable
23.Number of tenants and shops	Not applicable		
24.Number of expected residents / users	Not applicable		
25.Tenant density per hectare	Not applicable		
26.Height of the building(s)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

31.Production Details

Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Laterite	Nil	10416.67	10416.67

32.Total Water Requirement


Dry season:	Source of water	Bore well and mine pit
	Fresh water (CMD):	15 CMD
	Recycled water - Flushing (CMD):	Not applicable
	Recycled water - Gardening (CMD):	Not applicable
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	15 CMD
	Fire fighting - Underground water tank(CMD):	Not applicable
	Fire fighting - Overhead water tank(CMD):	Not applicable
	Excess treated water	Not applicable



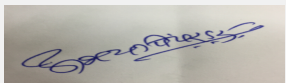
Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 2 of 65


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

Wet season:	Source of water	Bore well								
	Fresh water (CMD):	4.5 CMD								
	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 CMD								
	Fire fighting - Underground water tank(CMD):	Not applicable								
	Fire fighting - Overhead water tank(CMD):	Not applicable								
	Excess treated water	Not applicable								
Details of Swimming pool (If any)	Not applicable									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	Nil	4.5	4.5	Nil	4.5	4.5	Nil	Nil	Nil	
Gardening	Nil	10.5	10.5	Nil	10.5	10.5	Nil	Nil	Nil	
Fresh water requirement	Nil	15	15	nil	15	15	Nil	Nil	Nil	
34.Rain Water Harvesting (RWH)										
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 drains 500 m								
	Location of the RWH tank(s):	East and South boundary of mining lease area								
	Quantity of recharge pits:	Garland drains : 500 at East and South boundary of mining lease area								
	Size of recharge pits :	Section 2 m width x 1 m depth								
	Budgetary allocation (Capital cost) :	Rs. 5 lakhs								
	Budgetary allocation (O & M cost) :	Rs. 1 lakh								
	Details of UGT tanks if any :	Not Applicable								


Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 3 of 65

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

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 which will be biologically stabilized
	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		



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 4 of 65

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

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

41.Source of Fuel Not Applicable

42.Mode of Transportation of fuel to site Not Applicable

43.Green Belt Development	Total RG area :	Nil
	No of trees to be cut :	Nil
	Number of trees to be planted :	10500
	List of proposed native trees :	Moha, Kadulimb, Sa, Behada, Amla, Peru, Sitaphal, Kavath etc.
	Timeline for completion of plantation :	Upto conceptual period (7 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	Madhuca indica	Moha	1500	Created to intercept dust, gaseous pollutants and noise and Fruits
2	Madhuca indica	Moha	1500	Created to intercept dust, gaseous pollutants and noise and Fruits



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

Page 5 of 65



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

3	Azadirachta indica	Kadulimb	1500	Created to intercept dust, gaseous pollutants and noise
4	Tectona grandis	Sag	2000	Created to intercept dust, gaseous pollutants and noise to be used for timber
5	Cassia fistula	Behada	1500	Created to intercept dust, gaseous pollutants and noise
6	Psidium guajava	Peru	1000	Created to intercept dust, gaseous pollutants and noise and Fruits
7	Emblica officinalis	Amla	1000	Created to intercept dust, gaseous pollutants and noise and Fruits
8	Emblica officinalis	Amla	1000	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
--------	-----------------------------------	--------------------------



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 6 of 65



Dr. Umakant Dangat (Chairman SEAC-I)

-	-		-				
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	200000	50000			
2	Water Pollution Control	Desilting Tanks, garland drain, Boulder Check plug, Septic Tanks/Soak Pits, Mine water sedimentation pond & pumps	300000	50000			
3	Pollution Monitoring	To be done by external agency	Nil	100000			
4	Plantation /Reclamation	Biological reclamation, Plantation, Reclamation (Dump)	500000	100000			
5	Occupational Health	Fire Fighting Equipments (portable), Personnel protection equipments (goggles , gloves, helmets, dust mask, safety boots)	100000	50000			
51.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
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					



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 7 of
65**

Signature:




Name: Dr. Umakant Gangotree Dangat

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

Parking details:	Number and area of basement:	Not Applicable
	Number and area of podia:	Not Applicable
	Total Parking area:	Not Applicable
	Area per car:	Not Applicable
	Area per car:	Not Applicable
	Number of 2-Wheelers as approved by competent authority:	Not Applicable
	Number of 4-Wheelers as approved by competent authority:	Not Applicable
	Public Transport:	Not Applicable
	Width of all Internal roads (m):	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	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 to provide STP for the treatment of domestic sewage.
Drainage pattern of the project	PP proposes adequate measures and drains to avoid ingress of rain water in the pine pit.
Ground water parameters	PP to obtain permission from CGWA to draw ground water.



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

Page 8 of 65

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

Solid Waste Management	PP proposes to use Top Soil for plantation and waste material will be dumped on non-mineral area which will be biologically stabilized.
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	PP proposes to use solar lights.
Traffic circulation system and risk assessment	PP provided adequate roads for vehicular movement.
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 prepared EMP cost of Rs. 11 Lakh as capital cost and Rs. 3.50 Lakh as O & M cost to maintain environmental parameters.
Any other issues related to environmental sustainability	Not Applicable

Brief information of the project by SEAC

PP obtained ToR in the 85th meeting of SEAC held on 11-12 August, 2014.

The proposal was considered in the 149th meeting of SEAC held on 07.04.2018 wherein PP requested to postpone the proposal.

Now PP submitted the letter issued by SEIAA vide No. SEIAA-2018/CR-40/Est dated 11.05.2018 for extending the validity of ToR upto 12.08.2018.

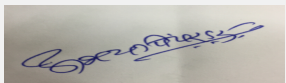
PP submitted EIA/EMP report for appraisal.

DECISION OF SEAC

After detailed deliberations with the PP and their accredited consultant, SEAC decided to recommend the proposal to SEIAA for prior Environment Clearance subject to the compliance of following points.


Specific Conditions by SEAC:

- 1) PP to ensure that, no blasting to be carried out during mining activity as nearest habitation is at a distance of 400 meters.
- 2) PP to obtain permission from CGWA to draw ground water.
- 3) PP to submit an undertaking for not having any ecosensitive area in the 5 KM range from the proposed site.
- 4) PP to submit an undertaking for not violating any requirements of EIA Notification, 2006.
- 5) PP to use covered vehicles for the transportation of materials.
- 6) PP to ensure there is no violation of any forest act. PP to submit an affidavit stating details and current status of court cases and orders thereof.
- 7) PP to obtain NOC from forest department and valid lease approval for mining from the District Collector before initiating any activity on the proposed site.
- 8) PP to submit their plan to implement CER activities as per OM dated 01.05.2018.


Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

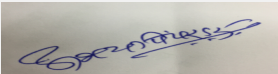
Page 9 of
65

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

FINAL RECOMMENDATION

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

SEAC-AGENDA-00000000101



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

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 10
of 65**

Signature:



Name: Dr. Umakant Gangotree Dangat

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

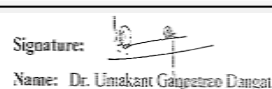
152nd Meeting of State Expert Appraisal Committee (SEAC-1)			
SEAC Meeting number: 152nd (Day-3) Meeting Date June 14, 2018			
Subject: Environment Clearance for Bordi Nalla Medium Irrigation Project			
Is a Violation Case: Yes			
1.Name of Project	Bordi Nalla Medium Irrigation Project Ta Chandur Bazaar Dist Amravati		
2.Type of institution	Government		
3.Name of Project Proponent	Executive Engineer Irrigation Project and Water Resources Investigation Division Amravati		
4.Name of Consultant	NEERI Nagpur		
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	NA		
8.Location of the project	Mouja Kondwardha and Borgaon Mohna		
9.Taluka	Chandur Bazaar		
10.Village	Amravati		
Correspondence Name:	Mr. S G Rathi, Executive Engineer		
Room Number:	Irrigation Project and Water Resources Investigation Division Amravati		
Floor:	Jalsampada Parisar		
Building Name:	NA		
Road/Street Name:	Jail Road		
Locality:	Camp		
City:	Amravati		
11.Area of the project	Grampanchayat		
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: Enter Details Approved Built-up Area: 00.00		
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.)	NA		
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.): 0.00		
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	5159637000		
22.Number of buildings & its configuration			
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 11
of 65**



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

1	Not applicable	Not applicable	Not applicable
2	Not applicable	Not applicable	Not applicable
23. Number of tenants and shops	NA		
24. Number of expected residents / users	NA		
25. Tenant density per hectare	NA		
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	NA		
29. Existing structure (s) if any	NA		
30. Details of the demolition with disposal (If applicable)	NA		
31. Production Details			
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)
1	NA	NA	NA
32. Total Water Requirement			
Dry 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	




Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 12
of 65**

Signature:



Name: Dr. Umakant Gangotree Dangat

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

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									
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA	
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:	NA								
	Size of recharge pits :	NA								
	Budgetary allocation (Capital cost) :	NA								
	Budgetary allocation (O & M cost) :	NA								
	Details of UGT tanks if any :	Not applicable								
35.Storm water drainage	Natural water drainage pattern:	NA								
	Quantity of storm water:	NA								
	Size of SWD:	NA								



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 13
of 65

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

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

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:	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

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			



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 14
of 65**

Signature:



Name: Dr. Umakant Dangat

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

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	NA	NA	NA	NA			
41.Source of Fuel		NA					
42.Mode of Transportation of fuel to site		NA					
43.Green Belt Development							
Total RG area :		NA					
No of trees to be cut :		NA					
Number of trees to be planted :		NA					
List of proposed native trees :		NA					
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	NA	NA	NA	NA			
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							



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 15
of 65

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

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
NA	NA	NA

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	Health Management Plan	Medical Facilities	16.51
2	Bio Diversity Conservation Plan	Bio Diversity Conservati	15.00
3	Fisheries Development and Management Plan	Fisheries Development	0.00

b) Operation Phase (with Break-up):


Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)
1	Afforestation	Afforestation	0.76	0.76



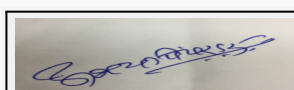
Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 16
of 65

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

2	Engineering Measures	Engineering Measures	14.70	14.75			
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
NAe	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):	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	Category B					
	Court cases pending if any	NA					



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 17
of 65**

Signature:



Name: Dr. Umakant Dangat

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

	Other Relevant Informations	<p>The ICA (Irrigation Command Area) of the project is 4126 ha and falls in the medium category. It is proposed to irrigate 489 ha by lift irrigation system and 3637 ha by flow canal. The area under submergence would be 627.16 ha which constitutes 588.59 ha of private land, 12.72 ha of forest land and 25.85 ha of Govt. land. It is proposed to divert the river Megha into the Bordi Nalla with the help of intake structure at village Pala, using a feeder canal upto the origin of Bordi Nalla. Bordi Nalla is proposed to carry 21.049 Mm³ of flood water into the Bordi dam. An earthen dam of length Executive Summary</p> <p>(ii) 1620 m and height of 17.97 m is proposed across the Bordi Nalla. The dam will have side gated spillway of size 8m x 2m to pass the designed flood of 1325.76 cumec. It is proposed to lift the stored water in Bordi Dam into the balancing tank of 5.914 Mm³ store capacity. Farmers from the village Kondwardha and Inyatpur will lift the water from barrage to irrigate 489 ha area. In this scheme 2.631 Mm³ of water is reserved for the drinking water purpose. Submergence under the Bordi main Dam is 273.05 ha and it includes 12.72 ha of forest area. The storage capacity of dam is as follows:</p> <p>(a) Dead Storage : 1.048 Mm³ (b) Live Storage : 17.446 Mm³ (c) Gross Storage at F.R.L. : 18.494 Mm³</p>
--	------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	01-01-1900

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



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 18
of 65**



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

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	

SEAC-AGENDA-00000000101



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 19
of 65



Dr. Umakant Dangat
(Chairman SEAC-I)

PP submitted proposal under 'violation' category as per Notification issued by MoEF&CC dated 08.03.2018.

The chronology of the project is as below,

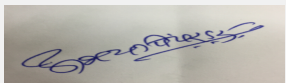
1. PP started the work on 22.01.2008
2. PP submitted their application for prior Environment Clearance on 20.11.2011
3. SEAC granted ToR on 08.06.2012
4. Public Hearing was conducted on 29.05.2014
5. PP submitted EIA/EMP report on 01.01.2015
6. PP made presentation before SEAC on 19.11.2015 wherein violation was detected.
7. PP received stop work on 23.01.2015

Now PP submitted application under violation category as per Notification dated 08.03.2018. The provisions in the notification are as follows,

(4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can run sustainably under compliance of environmental norms with adequate environmental safeguards, and in case, where the findings of Expert Appraisal Committee for projects under category A or State or Union territory level Expert Appraisal Committee for projects under category B is negative, closure of the project will be recommended along with other actions under the law.”;


(5) " In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.”;

DECISION OF SEAC


Abhay Pimparkar (Secretary
SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 20
of 65**

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

During deliberations PP requested as below,

As EIA and EMP as well as public hearing report are already prepared, it is submitted that SEAC-1 may kindly consider not discarding these reports because of following reasons,

(a) The works of projects along the dam line and along the diversion canal for some length have been completed. No contemplated diversion of 21.05 Mm³ of water has been effected. As such there is no substantial change in river flow patterns and hence no change in the baseline data has taken place since preparation of EIA and EMP report.

(b) The land use pattern has not been altered by the works of the project carried out so far.

(c) The project is coming up in the area of the State which is the most backward in so far as irrigation facilities are concerned. This area also records high incidence of farmer suicides.

(d) Public Money to the tune of Rs. 278 Crore stands invested on the project. Preparing EIA and EMP afresh would inevitably delay the project further by atleast one year, which would be against larger public interest.

It is requested that the SEAC-1 may kindly prescribe specific ToR for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and direct recasting EIA & EMP Reports (including Public Hearing Report) submitted earlier, by incorporating in the ecological damage, remediation plan etc. as a separate chapter, as contemplated in the Notification dated 08.03.2018.

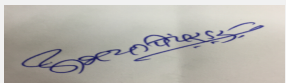
In view of above request from PP (this being a Government Project), SEAC in larger public interest decided to grant additional and specific ToR points for making necessary changes in the EIA/EMP report as per Notification dated 08.03.2018.

After detailed discussion with the PP and their accredited consultant SEAC is of the opinion that no fresh public hearing is required as it was already conducted.

With this view, SEAC refers the proposal to SEIAA for approval as above and /or further guidelines in the matter.


Specific Conditions by SEAC:

- 1) PP to submit project site details (location, top sheet of the study area of 10 km., coordinates, Google map, layout map, land use, geological features and geo hydrological status of the study area, drainage pattern etc.)
- 2) PP to submit details of Forest and Wild Life ecosensitive zones if any in the study area and within the range of 5 km.
- 3) Land use of the study area delineating forest area, agricultural land, grazing land, wild life sanctuary, national parks, migratory routes of fauna, water bodies, human settlement and other ecological features to be indicated in the report.
- 4) PP to submit details of likely impact of the proposed project and work carried out without obtaining prior Environment Clearance on the environmental parameters (ambient air, surface and ground water, land, flora and fauna, ambient noise, climate change and socio economic etc.)
- 5) PP to assess ecological damage with respect to the air, water, land and other environmental attributes. The collection and analysis of data shall be done by an Environmental Laboratory accredited by NABL or a laboratory of a council of Scientific and Industrial Research (CSIR) Institution working in the field of Environment.
- 6) PP to prepare an EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- 7) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.
- 8) 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.


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

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

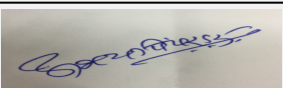
**Page 21
of 65**


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

FINAL RECOMMENDATION

Kindly find SEAC decision above.


SEAC-AGENDA-00000000101



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

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 22
of 65**



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

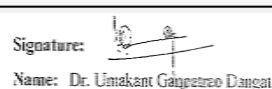
152nd Meeting of State Expert Appraisal Committee (SEAC-1)			
SEAC Meeting number: 152nd (Day-3) Meeting Date June 14, 2018			
Subject: Environment Clearance for Environment Clearance for Garga Medium Project			
Is a Violation Case: Yes			
1.Name of Project	Garga Medium Project Tq. Dharni Dist. Amravati		
2.Type of institution	Government		
3.Name of Project Proponent	Executive Engineer, Amravati Medium Project Division, Amravati		
4.Name of Consultant	Mitcon Consultancy Pune		
5.Type of project	NA		
6.New project/expansion in existing project/modernization/diversification in existing project	New Project		
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA		
8.Location of the project	87 , 89		
9.Taluka	Dharni		
10.Village	Mansudhawdi		
Correspondence Name:	Executive Engineer, Amravati Medium Project Division Amravati		
Room Number:	NA		
Floor:	NA		
Building Name:	Sinchan Seva Bhavan		
Road/Street Name:	Shivaji nagar		
Locality:	Panchavati		
City:	Amravati		
11.Area of the project	Corporation		
12.IOD/IOA/Concession/Plan Approval Number	NA		
	IOD/IOA/Concession/Plan Approval Number: NA		
	Approved Built-up Area: 584		
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.)	NA		
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.):		
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: 14-11-2008		
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	494.66		
22.Number of buildings & its configuration			
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 23
of 65**



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

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



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 24
of 65**

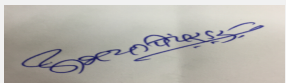
Signature:



Name: Dr. Umakant Dangat


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

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						
33.Details of Total water consumed										
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)			
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total	
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA	
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:			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						


Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 25
of 65

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

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

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:	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):	village Mansudhawdi
	Area for the storage of waste & other material:	584 Ha
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	494.66 Cr
	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			



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 26
of 65**

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

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	NA	NA	NA	NA			
41.Source of Fuel		NA					
42.Mode of Transportation of fuel to site		NA					
43.Green Belt Development							
Total RG area :		58 ha at foot of dam and along the canal and diversion road					
No of trees to be cut :		1093					
Number of trees to be planted :		4500					
List of proposed native trees :		Nimb (Azadirachta),Kanchan(Bauhinia),Shisav(Dalbergia sissoo)					
Timeline for completion of plantation :		3 years					
44.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Azadirachta Indica	Nimb	500	NA			
2	Bauhinia variegata	Kamchana	500	NA			
3	Dalbergi	shisav	500	NA			
4	Albizzia	shiras	500	NA			
5	Accacia	babul	500	NA			
6	ponamia	dharang	500	NA			
7	tamarindus indica	chinch	500	NA			
8	Glicidica maculata	Glircidia	500	NA			
9	Cassia Siamea	Cassia	500	NA			
45.Total quantity of plants on ground							



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

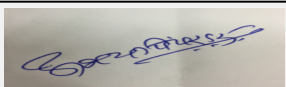

Page 27
of 65

Signature:




Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

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)	Generator		
	DG set as Power back-up during construction phase	Prime source		
	During Operation phase (Connected load):	III Phase		
	During Operation phase (Demand load):	240 volts		
	Transformer:	33 kv		
	DG set as Power back-up during operation phase:	1		
	Fuel used:	Disel		
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	
NA	NA		NA	
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)
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  <p>Abhay Pimparkar (Secretary SEAC-I)</p> </div> <div style="text-align: center;"> <p>SEAC Meeting No: 152nd (Day-3) Meeting Date: June 14, 2018</p> </div> <div style="text-align: center;"> <p>Page 28 of 65</p> </div> <div style="text-align: center;">  <p>Dr. Umakant Dangat (Chairman SEAC-I)</p> </div> </div>				

1	NA	NA	NA	NA	NA	NA	NA
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):	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					



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 29
of 65**

Signature:



Name: Dr. Umakant Dangat

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

	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	21-04-2017

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



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 30
of 65**

Signature:



Name: Dr. Umakant Gangotree Dangat

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

PP submitted proposal under 'violation' category as per Notification issued by MoEF&CC dated 08.03.2018.

The chronology of the project is as below,

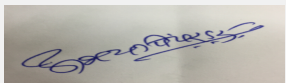
1. PP started the work on 05.11.2011
2. PP submitted their application for prior Environment Clearance on 23.02.2009
3. SEAC granted ToR on 29.07.2009
4. Public Hearing was conducted on 27.05.2014
5. PP submitted EIA/EMP report on 15.12.2015
6. PP made presentation before SEAC on 23.11.2016 wherein violation was detected.
7. PP received stop work on 01.12.2016

Now PP submitted application under violation category as per Notification dated 08.03.2018. The provisions in the notification are as follows,

(4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can run sustainably under compliance of environmental norms with adequate environmental safeguards, and in case, where the findings of Expert Appraisal Committee for projects under category A or State or Union territory level Expert Appraisal Committee for projects under category B is negative, closure of the project will be recommended along with other actions under the law.”;


(5) " In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.”;

DECISION OF SEAC


Abhay Pimparkar (Secretary
SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 31
of 65**

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

During deliberations PP requested as below,

As EIA and EMP as well as public hearing report are already prepared, it is submitted that SEAC-1 may kindly consider not discarding these reports because of following reasons,

(a) The works of projects along the dam line and along the diversion canal for some length have been completed. No contemplated diversion of 21.05 Mm³ of water has been effected. As such there is no substantial change in river flow patterns and hence no change in the baseline data has taken place since preparation of EIA and EMP report.

(b) The land use pattern has not been altered by the works of the project carried out so far.

(c) The project is coming up in the area of the State which is the most backward in so far as irrigation facilities are concerned. This area also records high incidence of farmer suicide.

(d) Public Money to the tune of Rs. 278 Crore stands invested on the project. Preparing EIA and EMP afresh would inevitably delay the project further by atleast one year, which would be against larger public interest.

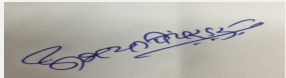
It is requested that the SEAC-1 may kindly prescribe specific ToR for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and direct recasting EIA & EMP Reports (including Public Hearing Report) submitted earlier, by incorporating in the ecological damage, remediation plan etc. as a separate chapter, as contemplated in the Notification dated 08.03.2018.

In view of above request from PP and larger public interest SEAC is of the opinion that PP shall comply with the following additional specific ToR and make necessary changes in the EIA/EMP report as per Notification dated 08.03.2018. After detailed discussion with all the members, PP and their accredited consultant SEAC decided that no fresh public hearing shall be carried out for the project as it was already conducted.

With this views, SEAC refers the proposal to SEIAA for approval and /or further guidelines in the matter.


Specific Conditions by SEAC:

- 1) PP to submit project site details (location, top sheet of the study area of 10 km., coordinates, Google map, layout map, land use, geological features and geo hydrological status of the study area, drainage pattern etc.)
- 2) PP to submit details of Forest and Wild Life ecosensitive zones if any in the study area and within the range of 5 km.
- 3) Land use of the study area delineating forest area, agricultural land, grazing land, wild life sanctuary, national parks, migratory routes of fauna, water bodies, human settlement and other ecological features to be indicated in the report.
- 4) PP to submit details of likely impact of the proposed project and work carried out without obtaining prior Environment Clearance on the environmental parameters (ambient air, surface and ground water, land, flora and fauna, ambient noise, climate change and socio economic etc.)
- 5) PP to assess ecological damage with respect to the air, water, land and other environmental attributes. The collection and analysis of data shall be done by an Environmental Laboratory accredited by NABL or a laboratory of a council of Scientific and Industrial Research (CSIR) Institution working in the field of Environment.
- 6) PP to prepare an EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- 7) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.
- 8) 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.


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

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

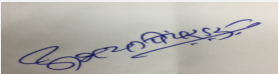
**Page 32
of 65**


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

FINAL RECOMMENDATION

Kindly find SEAC decision above.


SEAC-AGENDA-00000000101



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

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 33
of 65**



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

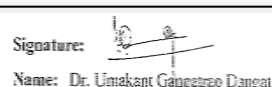
152nd Meeting of State Expert Appraisal Committee (SEAC-1)			
SEAC Meeting number: 152nd (Day-3) Meeting Date June 14, 2018			
Subject: Environment Clearance for Environment Clearance for Wasani Medium Project			
Is a Violation Case: Yes			
1.Name of Project	Wasani Medium Project Tq. Achalpur Dis. Amravati		
2.Type of institution	Government		
3.Name of Project Proponent	Executive Engineer, Amravati Medium Project Division, Amravati		
4.Name of Consultant	M/s Mechatronics System Pvt. Ltd		
5.Type of project	NA		
6.New project/expansion in existing project/modernization/diversification in existing project	New Project		
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	NA		
8.Location of the project	132		
9.Taluka	Achalpur		
10.Village	Wasni		
Correspondence Name:	Executive Engineer, Amravati Medium Project Division Amravati		
Room Number:	NA		
Floor:	NA		
Building Name:	Sinchan Seva Bhavan		
Road/Street Name:	Shivaji nagar		
Locality:	Panchavati		
City:	Amravati		
11.Area of the project	Corporation		
12.IOD/IOA/Concession/Plan Approval Number	NA		
	IOD/IOA/Concession/Plan Approval Number: NA		
	Approved Built-up Area: 520		
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.)	NA		
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.):		
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: 14-02-2008		
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	751.67		
22.Number of buildings & its configuration			
Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 34
of 65**



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

1	NA	NA	NA
23.Number of tenants and shops	Not applicable		
24.Number of expected residents / users	NA		
25.Tenant density per hectare	NA		
26.Height of the building(s)			
27.Right of way (Width of the road from the nearest fire station to the proposed building(s))	3		
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	NA		
29.Existing structure (s) if any	NA		
30.Details of the demolition with disposal (If applicable)	NA		
31.Production Details			
Serial Number	Product	Existing (MT/M)	Total (MT/M)
1	NA	NA	NA
32.Total Water Requirement			
Dry 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	



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 35
of 65**

Signature:



Name: Dr. Umakant Dangat

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

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					
33.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	NA	NA	NA	NA	NA	NA	NA	NA	NA
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:			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					



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 36
of 65

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

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

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:	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):	village Wasani khurd
	Area for the storage of waste & other material:	358 Ha
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	751.78 Cr
	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			



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 37
of 65**

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

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	NA	NA	NA	NA			
41.Source of Fuel		NA					
42.Mode of Transportation of fuel to site		NA					
43.Green Belt Development							
Total RG area :		55 ha at foot of dam and along the canal and diversion road					
No of trees to be cut :		891					
Number of trees to be planted :		25000					
List of proposed native trees :		Nimb, kanchana, shisav, shiras, babul, dharang, chinch, glirchidia, cassia					
Timeline for completion of plantation :		3 years					
44.Number and list of trees species to be planted in the ground							
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance			
1	Azadirachta Indica	Nimb	9000	NA			
2	Bauhinia variegata	Kamchana	2000	NA			
3	Dalbergi	shisav	2000	NA			
4	Albizzia	shiras	2000	NA			
5	Accacia	babul	2000	NA			
6	ponamia	dharang	2000	NA			
7	tamarindus indica	chinch	2000	NA			
8	Glicidica maculata	Glirchidia	2000	NA			
9	Cassia Siamea	Cassia	2000	NA			
45.Total quantity of plants on ground							



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

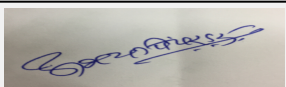

Page 38
of 65

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

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)	Generator		
	DG set as Power back-up during construction phase	Prime source		
	During Operation phase (Connected load):	III Phase		
	During Operation phase (Demand load):	240 volts		
	Transformer:	33 kv		
	DG set as Power back-up during operation phase:	1		
	Fuel used:	Disel		
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	
NA	NA		NA	
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)
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;">  <p>Abhay Pimparkar (Secretary SEAC-I)</p> </div> <div style="text-align: center;"> <p>SEAC Meeting No: 152nd (Day-3) Meeting Date: June 14, 2018</p> </div> <div style="text-align: center;"> <p>Page 39 of 65</p> </div> <div style="text-align: center;">  <p>Dr. Umakant Dangat (Chairman SEAC-I)</p> </div> </div>				

1	NA	NA	NA	NA	NA	NA	NA
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):	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					



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 40
of 65**

Signature:



Name: Dr. Umakant Dangat

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

	Other Relevant Informations	NA
	Have you previously submitted Application online on MOEF Website.	Yes
	Date of online submission	21-04-2017

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	



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 41
of 65**

Signature:



Name: Dr. Umakant Gangotree Dangat

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

PP submitted proposal under 'violation' category as per Notification issued by MoEF&CC dated 08.03.2018.

The chronology of the project is as below,

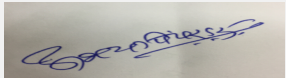
1. PP started the work on 01.09.2008
2. PP submitted their application for prior Environment Clearance on 05.07.2008
3. SEAC granted ToR on 16.01.2009
4. Public Hearing was conducted on 22.05.2010 & 26.06.2013
5. PP submitted EIA/EMP report on 23.11.2016
6. PP made presentation before SEAC on 23.11.2016 wherein violation was detected.
7. PP received stop work on 01.12.2016

Now PP submitted application under violation category as per Notification dated 08.03.2018. The provisions in the notification are as follows,

(4) The cases of violations will be appraised by the Expert Appraisal Committee at the Central level or State or Union territory level Expert Appraisal Committee constituted under sub-section (3) of section 3 of the Environment (Protection) Act, 1986 with a view to assess that the project has been constructed at a site which under prevailing laws is permissible and expansion has been done which can run sustainably under compliance of environmental norms with adequate environmental safeguards, and in case, where the findings of Expert Appraisal Committee for projects under category A or State or Union territory level Expert Appraisal Committee for projects under category B is negative, closure of the project will be recommended along with other actions under the law.”;


(5) " In case, where the findings of the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee on point at sub-paragraph (4) above are affirmative, the projects will be granted the appropriate Terms of Reference for undertaking Environment Impact Assessment and preparation of Environment Management Plan and the Expert Appraisal Committee or State or Union territory level Expert Appraisal Committee, will prescribe specific Terms of Reference for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and it shall be prepared as an independent chapter in the environment impact assessment report by the accredited consultants, and the collection and analysis of data for assessment of ecological damage, preparation of remediation plan and natural and community resource augmentation plan shall be done by an environmental laboratory duly notified under the Environment (Protection) Act, 1986, or a environmental laboratory accredited by the National Accreditation Board for Testing and Calibration Laboratories, or a laboratory of the Council of Scientific and Industrial Research institution working in the field of environment.”;

DECISION OF SEAC


Abhay Pimparkar (Secretary
SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 42
of 65**

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

During deliberations PP requested as below,

As EIA and EMP as well as public hearing report are already prepared, it is submitted that SEAC-1 may kindly consider not discarding these reprotos because of following reasons,

(a) The works of projects along the dam line and along the diversion canal for some length have been completed. No contemplated diversion of 21.05 Mm3 of water has been effected. As such there is no substantial change in river flow patterns and hence no change in the baseline data has taken place since preparation of EIA and EMP report.

(b) The land use pattern has not been altered by the works of the project carried out so far.

(c) The project is coming up in the area of the State which is the most backward in so far as irrigation facilities are concerned. This area also records high incidence of farmer suicide.

(d) Public Money to the tune of Rs. 278 Crore stands invested on the project. Preparing EIA and EMP afresh would inevitably delay the project further by atleast one year, which would be against larger public interest.

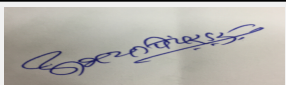

It is requested that the SEAC-1 may kindly prescribe specific ToR for the project on assessment of ecological damage, remediation plan and natural and community resource augmentation plan and direct recasting EIA & EMP Reports (including Public Hearing Report) submitted earlier, by incorporating in the ecological damage, remediation plan etc. as a separate chapter, as contemplated in the Notification dated 08.03.2018.

In view of above request from PP and larger public interest SEAC is of the opinion that PP shall comply with the following additional specific ToR and make necessary changes in the EIA/EMP report as per Notification dated 08.03.2018. After detailed discussion with all the members, PP and their accredited consultant SEAC decided that no fresh public hearing shall be carried out for the project as it was already conducted.

With this views, SEAC refers the proposal to SEIAA for approval and /or further guidelines in the matter.

Specific Conditions by SEAC:

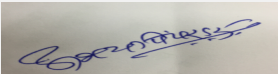
- 1) PP to submit project site details (location, top sheet of the study area of 10 km., coordinates, Google map, layout map, land use, geological features and geo hydrological status of the study area, drainage pattern etc.)
- 2) PP to submit details of Forest and Wild Life ecosensitive zones if any in the study area and within the range of 5 km.
- 3) Land use of the study area delineating forest area, agricultural land, grazing land, wild life sanctuary, national parks, migratory routes of fauna, water bodies, human settlement and other ecological features to be indicated in the report.
- 4) PP to submit details of likely impact of the proposed project and work carried out without obtaining prior Environment Clearance on the environmental parameters (ambient air, surface and ground water, land, flora and fauna, ambient noise, climate change and socio economic etc.)
- 5) PP to assess ecological damage with respect to the air, water, land and other environmental attributes. The collection and analysis of data shall be done by an Environmental Laboratory accredited by NABL or a laboratory of a council of Scientific and Industrial Research (CSIR) Institution working in the field of Environment.
- 6) PP to prepare an EMP comprising remediation plan and natural and community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.
- 7) The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter in the EIA report by the accredited consultant.
- 8) 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.

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 152nd (Day-3) Meeting Date: June 14, 2018	Page 43 of 65	 Name: Dr. Umakant Dangat Dr. Umakant Dangat (Chairman SEAC-I)
----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

FINAL RECOMMENDATION

Kindly find SEAC decision above.


SEAC-AGENDA-00000000101



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

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 44
of 65**



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

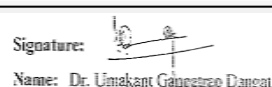
152nd Meeting of State Expert Appraisal Committee (SEAC-1)	
SEAC Meeting number: 152nd (Day-3) Meeting Date June 14, 2018	
Subject: Environment Clearance for Environment Clearance for DG set installation of - Existing capacity 1.6 MW x 2, 1.2 MW X 1, Proposed Capacity 1.8 MW x 3 and Total capacity of (Existing 4.4 MW + Proposed 5.4 MW) DG Set = 9.8 MW	
Is a Violation Case: No	
1.Name of Project	Sterlite Technologies Ltd.
2.Type of institution	Private
3.Name of Project Proponent	Sterlite Technologies Ltd.
4.Name of Consultant	Pollution and Ecology Control Services
5.Type of project	Industrial Project
6.New project/expansion in existing project/modernization/diversification in existing project	Expansion in existing project
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not Applicable
8.Location of the project	AL-23
9.Taluka	Shendre
10.Village	Shendra MIDC
Correspondence Name:	Sterlite Technologies Ltd , MIDC Shendra, Aurangabad. Maharashtra-India
Room Number:	Plot No AL 23
Floor:	-
Building Name:	-
Road/Street Name:	Shendre MIDC Road
Locality:	MIDC Shendre
City:	Aurangabad
11.Area of the project	MIDC Area
12.IOD/IOA/Concession/Plan Approval Number	Possession receipt By Maharashtra Industrial Development Corporation (MIDC) Dated -26/05/2010 IOD/IOA/Concession/Plan Approval Number: Not Applicable Approved Built-up Area: 00
13.Note on the initiated work (If applicable)	Not Applicable
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Consent to Operate by MPCB, Via Consent Order no: Formate 1.0/130/CAC-Cell/UAN No-000005031/3rd CAC/1704000080 dated-03/04/2017
15.Total Plot Area (sq. m.)	60,000 Sqm (as per Possession receipt of MIDC)
16.Deductions	Open space: 22000 Sq m (As per MPCB Consent)
17.Net Plot area	38000 Sqm
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: 26-05-2010
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	88000000
22.Number of buildings & its configuration	



Abhay Pimparkar (Secretary SEAC-I)

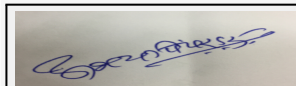
**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 45
of 65**



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

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	Shed for DG Set (1)	1	10 mtr.	
2	Shed for DG Set (1)	1	10 mtr.	
23.Number of tenants and shops	Not Applicable			
24.Number of expected residents / users	About 150-200 no. users including worker & staff.			
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))	15 m approach road hum SH (20 m. Wide)			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Road width -9 mt Turning radius-12 mt			
29.Existing structure (s) if any	Existing industrial Shed and office building is 16450 Sq.m.			
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	DG Set installation	1.6 MW x 2 , 1.2 MW x 1 = 4.4 MW	1.8 MW x 3 = 5.4 MW	9.8 MW
32.Total Water Requirement				



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 46
of 65

Signature:



Name: Dr. Umakant Gangotree Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

Dry season:	Source of water			MiDC					
	Fresh water (CMD):			5					
	Recycled water - Flushing (CMD):			4					
	Recycled water - Gardening (CMD):			5					
	Swimming pool make up (Cum):			Not Applicable					
	Total Water Requirement (CMD) :			Not Applicable					
	Fire fighting - Underground water tank(CMD):			Not Applicable					
	Fire fighting - Overhead water tank(CMD):			Not Applicable					
	Excess treated water			Not Applicable					
Wet season:	Source of water			MIDC					
	Fresh water (CMD):			5					
	Recycled water - Flushing (CMD):			4					
	Recycled water - Gardening (CMD):			0					
	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)				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	9	9	0	1.8	1.8	0	7.2	7.2
Gardening	0	5	5	0	5	5	0	0	0



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 47
of 65

Signature:



Name: Dr. Umakant Dangat

Dr. Umakant Dangat
(Chairman SEAC-I)

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon : 5.0-8 m bgl Post monsoon : 3.0-5.0 m bgl
	Size and no of RWH tank(s) and Quantity:	Not Proposed
	Location of the RWH tank(s):	Not Applicable
	Quantity of recharge pits:	Will be elaborate in EIA Report
	Size of recharge pits :	Will be elaborate in EIA Report
	Budgetary allocation (Capital cost) :	Will be elaborate in EIA Report
	Budgetary allocation (O & M cost) :	Will be elaborate in EIA Report
	Details of UGT tanks if any :	Will be elaborate In EIA Report
35.Storm water drainage	Natural water drainage pattern:	The storm water drainage will be designed according to contours. The storm water collected through the storm water drains of adequate capacity will be led to recharge pits
	Quantity of storm water:	Will be elaborate in EIA Report
	Size of SWD:	Will be elaborate in EIA Report
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
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Not Applicable
	Disposal of the construction waste debris:	Not Applicable
Waste generation in the operation Phase:	Dry waste:	Not Applicable
	Wet waste:	Not Applicable
	Hazardous waste:	Used Oil: 7000 It/Year
	Biomedical waste (If applicable):	Not Applicable
	STP Sludge (Dry sludge):	Not Applicable
	Others if any:	Not Applicable

Mode of Disposal of waste:	Dry waste:	NA
	Wet waste:	NA
	Hazardous waste:	Used oil will be handover to Maharashtra Enviro Power Ltd (MEPL) for Treatment Storage and Disposal.
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	Near Sub station area: DG Set installation
	Area for the storage of waste & other material:	Near Gas room
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	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 :		MA			
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			

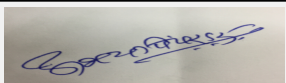

38. Hazardous Waste Details

Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used Oil	5.1	Ltr/year	3143	3857	7000	Used oil will be handover to Maharashtra Enviro Power Ltd (MEPL) for Treatment, Storage and Disposal.

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	DG SET (2250 KVA)	Diesel , 2610.6 ltr/day	Stack 1	30	0.450	475 degree C
2	DG SET (2250 KVA)	Diesel , 2610.6 ltr/day	Stack 1	30	0.450	475 degree C
3	DG SET (2250 KVA)	Diesel , 2610.6 ltr/day	Stack 1	30	0.450	475 degree C

40. Details of Fuel to be used

 Abhay Pimparkar (Secretary SEAC-I)	SEAC Meeting No: 152nd (Day-3) Meeting Date: June 14, 2018	Page 49 of 65	Signature:  Name: Dr. Umakant Dangat Dr. Umakant Dangat (Chairman SEAC-I)
----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------	--------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Serial Number	Type of Fuel	Existing	Proposed	Total
1	Diesel	6380 ltr/day	7832 ltr/day	14212 ltr/day
41.Source of Fuel		Diesel Authorized Distributor		
42.Mode of Transportation of fuel to site		Tanker/Barrel		
43.Green Belt Development	Total RG area :	20210 Sq.m.		
	No of trees to be cut :	None		
	Number of trees to be planted :	1721 Tree planted in existing premises and 300 trees to be planted		
	List of proposed native trees :	Neem, Nandrulk , Sita Ashok, Shirish , Royal Palm, Palas, Maharukh, Laxmi Taru		
	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	Azadirachta indica	Neem	30	Medicinal Value
2	Ficus microcarpa	Nandrulk	50	Medicinal Value
3	Saraca asoca	Sita Ashok	50	Beautification
4	Roystonea regia	Royal Palm	50	Beautification
5	Albizia lebbek	Shirish	20	Large Tree
6	Butea monosperma	Palas	50	Beautification
7	Simarouba glauca	Laxmi Taru	30	Medicinal Value
8	Allathus excelsa	Maharukh	20	Medicinal Value
45.Total quantity of plants on ground				
46.Number and list of shrubs and bushes species to be planted in the podium RG:				
Serial Number	Name	C/C Distance	Area m2	
1	NA	NA	NA	
47.Energy				

Power requirement:	Source of power supply :	State Electricity Board
	During Construction Phase: (Demand Load)	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:	Existing 2000 KVA (1.6 MW) x 2, 1500 KVA (1.2 MW) x 1, Proposed DG Set 2500 KVA (1.8 MW) x 3
	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	NA

50. Details of pollution control Systems

Source	Existing pollution control system	Proposed to be installed
DG Set	Stacks	Stacks

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

51. Environmental Management plan Budgetary Allocation

a) Construction phase (with Break-up):

Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)
1	Air Environment	Air & Noise monitoring	3.0

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	Ambient Air quality, Noise Level, Exhaust from DG Set.	--	6.0
2	Water	RWH	6	0.20
3	Land Environment	Gardening	10	1.5



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 51
of 65**



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

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

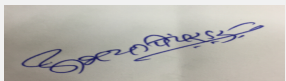
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Diesel	NA	Near Gas room	-	-	--	Diesel Authorized Distributor	Tanker/ Barrel

52.Any Other Information

No Information Available


53.Traffic Management

	Nos. of the junction to the main road & design of confluence:	Plant is approached through 15 m. wide tar MIDC Road connected to Jalna -Aurangabad Highway
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):	Width of all internal roads (m) - 6 mtr
	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	Category B as per schedule 1(d)
	Court cases pending if any	NA


Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 52
of 65

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

	Other Relevant Informations	Application for ToR
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS

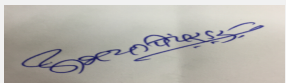
Environmental Impacts of the project	Not Applicable
Water Budget	Not Applicable
Waste Water Treatment	Not Applicable
Drainage pattern of the project	Not Applicable
Ground water parameters	Not Applicable
Solid Waste Management	Not Applicable
Air Quality & Noise Level issues	Not Applicable
Energy Management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

Brief information of the project by SEAC

PP submitted their application for the grant of TOR under category 1(d)B1 as per EIA Notification, 2006. PP presented draft TOR based on standard TOR issued by MoEF & CC published in April, 2015.


As the industry is located in the notified industrial area/estate (MIDC), Public Hearing is exempted under the provisions as per para 7 III Stage (3) (b) of the EIA Notification, 2006

DECISION OF SEAC


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 53
of 65

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

During deliberations, it was observed that, PP is not represented through authorized and competent persons with adequate information.

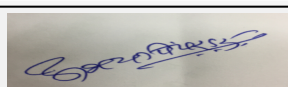
Hence, deferred.

Specific Conditions by SEAC:

FINAL RECOMMENDATION

SEAC-I decided to defer the proposal till PP submits the additional information as per above conditions within 30 days

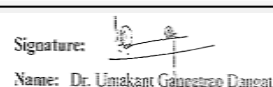
SEAC-AGENDA-00000000101



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


**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 54
of 65**



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

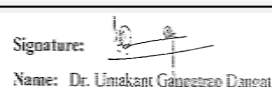
152nd Meeting of State Expert Appraisal Committee (SEAC-1)	
SEAC Meeting number: 152nd (Day-3) Meeting Date June 14, 2018	
Subject: Environment Clearance for Installation of Induction Furnace to manufacture ingots, Billets etc.-18000 MT/month Rolling Mill for hot rolled Long Products TMT 18000 MT/month and Ferro Alloys 6000 MT/month (SAF)	
Is a Violation Case: No	
1.Name of Project	Installation of Induction Furnace to manufacture ingots, Billets etc.-18000 MT/month Rolling Mill for hot rolled Long Products TMT 18000 MT/month and Ferro Alloys 6000 MT/month (SAF)
2.Type of institution	Private
3.Name of Project Proponent	M/s Grace Industries Limited.
4.Name of Consultant	Pollution & Ecology Control Services
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	A - 30, A - 24
9.Taluka	Chandrapur
10.Village	Tadali
Correspondence Name:	Mr. Ajay Agrawal
Room Number:	NA
Floor:	NA
Building Name:	NA
Road/Street Name:	9, Imambada Road
Locality:	NA
City:	Nagpur
11.Area of the project	Tadali Growth Centre MIDC
12.IOD/IOA/Concession/Plan Approval Number	The land has been leased out by MIDC to M/s Grace Industries IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area: 58000
13.Note on the initiated work (If applicable)	Not Applicable, work will be initiated after receipt of Environmental Clearance.
14.LOI / NOC / IOD from MHADA/ Other approvals (If applicable)	Not Applicable
15.Total Plot Area (sq. m.)	A 30 - 172762 sq mt, A 24 - 83195 sq mt, Total - 255957 sq mt
16.Deductions	630.00 sq mt
17.Net Plot area	255327 sq mt
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.): 58000
18 (b).Approved Built up area as per DCR	Approved FSI area (sq. m.): Approved Non FSI area (sq. m.): Date of Approval:
19.Total ground coverage (m2)	Not applicable
20.Ground-coverage Percentage (%) (Note: Percentage of plot not open to sky)	Not applicable
21.Estimated cost of the project	887500000
22.Number of buildings & its configuration	



Abhay Pimparkar (Secretary SEAC-I)


**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 55
of 65**



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

Serial number	Building Name & number	Number of floors	Height of the building (Mtrs)	
1	One Industrial shed area	NA	20	
23.Number of tenants and shops	Not Applicable			
24.Number of expected residents / users	About 300 no. of users including workers & staff.			
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))	20 m. MIDC road.			
28.Turning radius for easy access of fire tender movement from all around the building excluding the width for the plantation	Will be minimum 6 mt.			
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	Ingots, Billets	None	18000	18000
2	Long Products and TMT material	None	18000	18000
3	Ferro Alloys	None	6000	6000
32.Total Water Requirement				



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 56
of 65**

Signature:



Name: Dr. Umakant Dangat

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

Dry season:	Source of water	MIDC
	Fresh water (CMD):	179
	Recycled water - Flushing (CMD):	6
	Recycled water - Gardening (CMD):	8
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	260
	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	MIDC
	Fresh water (CMD):	179
	Recycled water - Flushing (CMD):	6
	Recycled water - Gardening (CMD):	0
	Swimming pool make up (Cum):	Not applicable
	Total Water Requirement (CMD) :	252
	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)		
	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Domestic	-	14	14	-	3	3	-	11	11
Industrial Process	-	98	98	-	68	68	-	30	30
Cooling tower & thermopack	-	140	140	-	140	140	-	0	0
Gardening	-	8	8	-	8	8	-	0	0



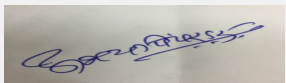
Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 57
of 65


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

34.Rain Water Harvesting (RWH)	Level of the Ground water table:	Pre monsoon 10-15 m bgl. and post monsoon 5-10 m.
	Size and no of RWH tank(s) and Quantity:	Will be elaborated in final EIA report
	Location of the RWH tank(s):	Will be elaborated in final EIA report
	Quantity of recharge pits:	5 nos.
	Size of recharge pits :	2 m X 3 m X 3 m Depth
	Budgetary allocation (Capital cost) :	Rs.1,50,000/-
	Budgetary allocation (O & M cost) :	Rs. 10000/- per annum. The details of Rain Water Harvesting will be elaborated in the EIA report after study.
	Details of UGT tanks if any :	Under ground water tank will be provided for fire fighting as per norms
35.Storm water drainage	Natural water drainage pattern:	Storm water drain will be constructed around the plant area
	Quantity of storm water:	Will be elaborated in final EIA report
	Size of SWD:	Will be elaborated in final EIA report
Sewage and Waste water	Sewage generation in KLD:	11 KLD
	STP technology:	MBBR Technology
	Capacity of STP (CMD):	1 No. and 15 KLD capacity
	Location & area of the STP:	Within the Plot Area
	Budgetary allocation (Capital cost):	Rs. 35 Lacs
	Budgetary allocation (O & M cost):	Rs. 2.0 Lacs/ Year
36.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	Construction waste debris
	Disposal of the construction waste debris:	Will be utilized in making of internal road
Waste generation in the operation Phase:	Dry waste:	Slag , Tail Cuttings and Fly Ash
	Wet waste:	NA
	Hazardous waste:	Used Oil
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Yes
	Others if any:	NA


Abhay Pimparkar (Secretary
SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 58
of 65

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

Mode of Disposal of waste:	Dry waste:	Slag will be used for Hardening of working area, internal road, brick manufacturers, Concreting and Tail Cuttings will be recycled and reused in the Induction Furnace. The slag from Ferro Alloys unit will be sold to manufacturer of Silico-manganese. Fly ash will be sold to brick manufacturer.
	Wet waste:	NA
	Hazardous waste:	NA
	Biomedical waste (If applicable):	NA
	STP Sludge (Dry sludge):	Used as Manure
	Others if any:	NA
Area requirement:	Location(s):	Within the Plant
	Area for the storage of waste & other material:	About 1875 sq. m. will be reserved for storing slag, tail cutting and fly ash.
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

37. Effluent Characteristics

Serial Number	Parameters	Unit	Inlet Effluent Characteristics	Outlet Effluent Characteristics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		30 KLD			
Capacity of the ETP:		30 KLD			
Amount of treated effluent recycled :		30 KLD			
Amount of water send to the CETP:		Not Applicable			
Membership of CETP (if require):		Not Applicable			
Note on ETP technology to be used		Settling tank will be constructed for treatment of waste water			
Disposal of the ETP sludge		Not Applicable			

38. Hazardous Waste Details

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

39. Stacks emission Details

Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	Induction Furnace	Electricity	1	30	1.6	50 degree Centigrade
2	Ferro Alloys Unit	Electricity	1	30	0.5	100 degree Centigrade

40. Details of Fuel to be used


Serial Number	Type of Fuel	Existing	Proposed	Total
1	Coal	--	1000 TPM	1000 TPM



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 59
of 65

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

2	Electricity	--	20 MW	20 MW
41.Source of Fuel		Electricity from CPP & MSEDCL and Coal from local suppliers		
42.Mode of Transportation of fuel to site		Coal by tarpaulin covered trucks		
43.Green Belt Development	Total RG area :	33 % of the total plot area		
	No of trees to be cut :	00		
	Number of trees to be planted :	600		
	List of proposed native trees :	Ashoka, Karanj, Mango, Guava, Neem		
	Timeline for completion of plantation :	NA		
44.Number and list of trees species to be planted in the ground				
Serial Number	Name of the plant	Common Name	Quantity	Characteristics & ecological importance
1	Saraca asoca	Ashoka	100	Deciduous, Shady tree
2	Millettia pinnata	Karanj	100	Semi-Deciduous, Shady green, good for roadside plantation.
3	Mangifera indica	Mango	150	Semi-Deciduous, large tree, long-lived tree.
4	Psidium guajava	Guava	150	Semi-Deciduous, Fruit bearing Shady tree
5	Azadirachta indica	Neem	100	Deciduous, Large tree, good for roadside plantation.
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				



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 60
of 65**

Signature:



Name: Dr. Umakant Gangotree Dangat

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

Power requirement:	Source of power supply :	CPP & MSEDCL		
	During Construction Phase: (Demand Load)	150 KW		
	DG set as Power back-up during construction phase	NA		
	During Operation phase (Connected load):	25 MW		
	During Operation phase (Demand load):	20 MW		
	Transformer:	Yes		
	DG set as Power back-up during operation phase:	NA		
	Fuel used:	Electricity & Coal, in entire process electricity is main fuel		
	Details of high tension line passing through the plot if any:	NA		
48. Energy saving by non-conventional method:				
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	
Induction Furnace and Rolling mill	Not applicable		Bag filters, Venturi Scrubbers	
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA		
	O & M cost:	NA		
51. Environmental Management plan Budgetary Allocation				
a) Construction phase (with Break-up):				
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)	
1	Air Pollution Control	Particulate Matter	Rs. 1.00 Lacs	
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	Bag filters, Venturi Scrubbers	Rs. 100 Lac	Rs. 10 Lac



Abhay Pimparkar (Secretary SEAC-I)

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 61
of 65**

Signature:



Name: Dr. Umakant Gangotree Dangat

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

2	Water Pollution Control	STP & ETP	Rs. 35 Lac and Rs. 20 Lac	Rs. 2 lac and Rs. 1 Lac
3	Solid Waste Management	Handling and Disposing	Rs. 20 lac	Rs. 3 lac
4	Green Belt	Plantation	Rs. 5 Lac	Rs. 0.5 Lac
5	Environmental Monitoring	Air quality , Water and wastewater quality; Noise levels; Soil quality	--	Rs. 5 Lac

51.Storage of chemicals (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

52.Any Other Information

No Information Available

53.Traffic Management


	Nos. of the junction to the main road & design of confluence:	The said plot is in MIDC area. The width of front of MIDC road is 20 Mtr.
Parking details:	Number and area of basement:	NA
	Number and area of podia:	NA
	Total Parking area:	17924.924 sqmt
	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:	45 to 50 trucks/day will be operated after commission of proposed unit for transportation of raw material and finished product .
	Width of all Internal roads (m):	NA
	CRZ/ RRZ clearance obtain, if any:	NA



Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 62
of 65



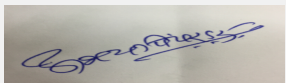
Name: Dr. Umakant Dangat
Dr. Umakant Dangat
(Chairman SEAC-I)

	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	3(a)
	Court cases pending if any	No
	Other Relevant Informations	Application for TOR
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

SEAC DISCUSSION ON ENVIRONMENTAL ASPECTS


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

Brief information of the project by SEAC


Abhay Pimparkar (Secretary SEAC-I)

SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018

Page 63
of 65

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

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.

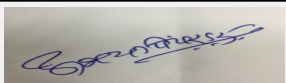
The proposal was considered in 149th meeting held on 03.04.2018 wherein SEAC decided as below,

During deliberations with the PP and his accredited consultant, it is observed that,

1. PP has not amalgamated the plots No. A-25 and A-24 - PP to submit amalgamation order from MIDC.
2. A road is passing thorough the plot whose ownership is with PWD as per letter dated 29.11.2016. MIDC vide their letter dated 07.07.2016 given NOC for rerouting of the road from the outer boundary of the proposed plot. However PP has not submitted approved plan from competent authority about rerouting of the road.
3. MIDC vide their letter dated 07.07.2016 has assigned certain responsibilities to be fulfilled by PP. However PP couldnot give satisfactory explanation and documetary evidences in this regard.


In view of above, SEAC decided to defer the proposal till PP submits compliance of above mentioned poi

DECISION OF SEAC


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

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 64
of 65**

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

Now PP submitted the compliance of above points.

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.

PP to submit Public Consultation reprot 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.

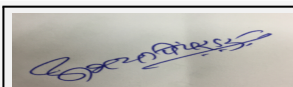
PP to submit Form - 2 along with EIA/EMP report as per OM issued by MoEF&CC on 20.04.2018.

Specific Conditions by SEAC:

- 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 both the plots A-24 and A-30 connectivity, entry/exit gates, internal road width of six meters, turning radius of nine meters, location of pollution control equipment, parking areas, waste storage areas, 33% green belt, rain water harvesting etc.
- 3) PP to carry out pinch analysis and heat integration study, heat balance claculation and include the same in the EIA reprot.
- 4) PP to carry out life cycle analysis of the activities carried out on site with respect to the sustainability index, green house and ozone depletion potential etc
- 5) PP to carry out HAZOP and QRA and submit Disaster Management Plan.
- 6) PP to inlcude seperate chapter on the use of improved technologies in the EIA reprot.
- 7) PP to submit details of generation of hazardous waste and its disposal.
- 8) PP to submit details of socio economic survey report.
- 9) 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.
- 10) PP to submit an undertaking for not having any eco sensitive area in the range of 5 KM from proposed project site.

FINAL RECOMMENDATION

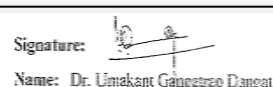
The Committee decided to Grant ToR subject to the above observations, PP requested to prepare and submit EIA report as per EIA Notification, 2006 and amendments thereof.



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

**SEAC Meeting No: 152nd (Day-3) Meeting
Date: June 14, 2018**

**Page 65
of 65**



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