



# STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

Environment department,  
Room No. 217, 2nd floor,  
Mantralaya, Annexe,  
Mumbai- 400 032.  
Date: April 10, 2017

To,  
**Maharashtra Maritime Board (MMB)**  
at located on the Revas Creek at latitude 18°49'17.89"N and longitude 72°56'48.21"E in Alibaug Tehsil of Raigad District, Maharashtra

**Subject:** Environment Clearance for RO-RO jetty for Maharashtra Maritime Board (MMB) at Rewas  
Sir,

This has reference to your communication on the above mentioned subject. The proposal was considered as per the EIA Notification - 2006, by the State Level Expert Appraisal Committee-I, Maharashtra in its th meeting and recommend the project for prior environmental clearance to SEIAA. Information submitted by you has been considered by State Level Environment Impact Assessment Authority in its SEIAA meeting no 108th meetings.

2. It is noted that the proposal is considered by SEAC-I under screening category Not applicable as per EIA Notification 2006.

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

1.Name of Project	Construction of new RO-RO jetty for Maharashtra Maritime Board (MMB) at Rewas
2.Type of institution	Government
3.Name of Project Proponent	Maharashtra Maritime Board (MMB)
4.Name of Consultant	Ultra-tech Environmental Consultancy and Laboratory
5.Type of project	Construction of new RO-RO jetty for Maharashtra Maritime Board (MMB)
6.New project/expansion in existing project/modernization/diversification in existing project	New
7.If expansion/diversification, whether environmental clearance has been obtained for existing project	Not applicable
8.Location of the project	located on the Revas Creek at latitude 18°49'17.89"N and longitude 72°56'48.21"E in Alibaug Tehsil of Raigad District, Maharashtra
9.Taluka	Mumbai
10.Village	Mumbai
11.Whether in Corporation / Municipal / other area	MMB
12.IOD/IOA/Concession/Plan Approval Number	Municipal Corporation of Greater Mumbai IOD/IOA/Concession/Plan Approval Number: Municipal Corporation of Greater Mumbai 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

**SEIAA Meeting No: SEIAA meeting no 108 Meeting Date: April 7, 2017 ( SEIAA-STATEMENT-0000000131 )**  
**SEIAA-MINUTES-0000000001**  
**SEIAA-EC-0000000001**

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**Shri. Anil Diggikar (Member Secretary SEIAA)**

18 (a).Proposed Built-up Area (FSI & Non-FSI)	FSI area (sq. m.): Not applicable
	Non FSI area (sq. m.): Not applicable
	Total BUA area (sq. m.): Not applicable
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	300000000



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22.Production Details				
Serial Number	Product	Existing (MT/M)	Proposed (MT/M)	Total (MT/M)
1	Not applicable	Not applicable	Not applicable	Not applicable
23.Total Water Requirement				
Dry season:	Source of water	Local body		
	Fresh water (CMD):	Not applicable		
	Recycled water - Flushing (CMD):	Not applicable		
	Recycled water - Gardening (CMD):	Not applicable		
	Swimming pool make up (Cum):	Not applicable		
	Total Water Requirement (CMD) :	Not applicable		
	Fire fighting - Underground water tank(CMD):	Not applicable		
	Fire fighting - Overhead water tank(CMD):	Not applicable		
	Excess treated water	Not applicable		
Wet season:	Source of water	Local body		
	Fresh water (CMD):	Not applicable		
	Recycled water - Flushing (CMD):	Not applicable		
	Recycled water - Gardening (CMD):	Not applicable		
	Swimming pool make up (Cum):	Not applicable		
	Total Water Requirement (CMD) :	Not applicable		
	Fire fighting - Underground water tank(CMD):	Not applicable		
	Fire fighting - Overhead water tank(CMD):	Not applicable		
	Excess treated water	Not applicable		
Details of Swimming pool (If any)	Not applicable			

24.Details of Total water consumed									
Particulars	Consumption (CMD)			Loss (CMD)			Effluent (CMD)		
Water Requirement	Existing	Proposed	Total	Existing	Proposed	Total	Existing	Proposed	Total
Fresh water requirement	0	100	100	0	20	20	0	80	80
Domestic	0	90	90	0	0	0	0	90	90
Gardening	0	10	10	0	0	0	0	0	0
25.Rain Water Harvesting (RWH)	Level of the Ground water table:		Not applicable						
	Size and no of RWH tank(s) and Quantity:		Not applicable						
	Location of the RWH tank(s):		Not applicable						
	Quantity of recharge pits:		Not applicable						
	Size of recharge pits :		Not applicable						
	Budgetary allocation (Capital cost) :		Not applicable						
	Budgetary allocation (O & M cost) :		Not applicable						
	Details of UGT tanks if any :		Not applicable						
26.Storm water drainage	Natural water drainage pattern:		Not applicable						
	Quantity of storm water:		Not applicable						
	Size of SWD:		Not applicable						
27.Sewage and Waste water	Sewage generation in KLD:		170						
	STP technology:		Septic tank						
	Capacity of STP (CMD):		0						
	Location & area of the STP:		Not applicable						
	Budgetary allocation (Capital cost):		Rs. 1 Lakh						
	Budgetary allocation (O & M cost):		Rs. 20,000 per annum						

28.Solid waste Management		
Waste generation in the Pre Construction and Construction phase:	Waste generation:	12.5 Kg/day
	Disposal of the construction waste debris:	Landfilling
Waste generation in the operation Phase:	Dry waste:	18 Kg/day
	Wet waste:	8Kg/day
	Hazardous waste:	Negligible
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	25 Kg/day
	Others if any:	Not applicable
Mode of Disposal of waste:	Dry waste:	Authorized agency
	Wet waste:	Authorized agency
	Hazardous waste:	Not applicable
	Biomedical waste (If applicable):	Not applicable
	STP Sludge (Dry sludge):	Authorized agency
	Others if any:	Not applicable
Area requirement:	Location(s):	Not applicable
	Area for the storage of waste & other material:	Not applicable
	Area for machinery:	Not applicable
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not applicable
	O & M cost:	Not applicable

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



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

31.Stacks emission Details						
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases
1	250kVA	41 Kg/Hr	1	3	250	180 degree celsius

32.Details of Fuel to be used				
Serial Number	Type of Fuel	Existing	Proposed	Total
1	HSD	Not applicable	HSD	Not applicable

33.Source of Fuel	Authorized agency
34.Mode of Transportation of fuel to site	by road

35.Energy		
Power requirement:	Source of power supply :	MSEDCL
	During Construction Phase: (Demand Load)	40 kVA
	DG set as Power back-up during construction phase	40 kVA
	During Operation phase (Connected load):	250kVA
	During Operation phase (Demand load):	--
	Transformer:	Not applicable
	DG set as Power back-up during operation phase:	250kVA
	Fuel used:	HSD
	Details of high tension line passing through the plot if any:	Not any

Energy saving by non-conventional method:	
Not applicable	

36.Detail calculations & % of saving:		
Serial Number	Energy Conservation Measures	Saving %
1	Not applicable	Not applicable

37.Details of pollution control Systems							
Source	Existing pollution control system		Proposed to be installed				
DG	0		250 kVA DG set				
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	Not applicable					
	O & M cost:	Not applicable					
38.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	Air	monitoring	0.48				
2	Water	monitoring	0.60				
3	Socio	health check up,	1.8				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	Sewage Treatment Plant	wastewater treatment	25.00	2.50			
2	Regular Maintenance of Vesssles	container	00	3.00			
3	Green Belt & Horticulture	plantation	3.00	2.00			
4	Housekeeping	housekeeping	00	0.50			
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
40.Any Other Information							
No Information Available							



	<b>CRZ/ RRZ clearance obtain, if any:</b>	Applied for CRZ clearance
	<b>Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries</b>	Mangroves in vicinity of jetty
	<b>Category as per schedule of EIA Notification sheet</b>	Not applicable
	<b>Court cases pending if any</b>	Not applicable
	<b>Other Relevant Informations</b>	Not applicable
	<b>Have you previously submitted Application online on MOEF Website.</b>	No
	<b>Date of online submission</b>	-

3. The proposal has been considered by SEIAA in its SEIAA meeting no 108th meeting & decided to accord environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:

**Specific Conditions:**

I	PP informed that there will be no damage to mangroves area.
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**General Conditions:**

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4. The environmental clearance is being issued without prejudice to the action initiated under EP Act or any court case pending in the court of law and it does not mean that project proponent has not violated any environmental laws in the past and whatever decision under EP Act or of the Hon'ble court will be binding on the project proponent. Hence this clearance does not give immunity to the project proponent in the case filed against him, if any or action initiated under EP Act.

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

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

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

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

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

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

Shri. Anil Diggikar (Member Secretary SEIAA)

**Copy to:**

1. SECRETARY MOEF & CC
2. IA- DIVISION MOEF & CC
3. MEMBER SECRETARY MAHARASHTRA POLLUTION CONTROL BOARD MUMBAI
4. REGIONAL OFFICE MOEF & CC NAGPUR
5. REGIONAL OFFICE MPCB MUMBAI

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