



STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY

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

To,
Mumbai Metro Rail Corporation Limited
at Coloba-Bandra-SEEPZ Alignment

Subject: Environment Clearance for Proposal for CRZ Clearance for the METRO III Project of MMRCL (Colaba - Bandra - SEEPZ). CRZ clearance are sought for Construction activity for Laying of underground Tracks and Construction of Underground Tunnels of METRO LINE III along the Alignment, Colaba-Bandra-SEEPZ. Details given in form 1 of CRZ notification of 2011.

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 NA as per EIA Notification 2006.

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

1.Name of Project	Mumbai Metro Line 3 Project
2.Type of institution	Government
3.Name of Project Proponent	Mumbai Metro Rail Corporation Limited
4.Name of Consultant	NA
5.Type of project	Transport infrastructure 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	NA
8.Location of the project	Coloba-Bandra-SEEPZ Alignment
9.Taluka	Bandra
10.Village	-
11.Whether in Corporation / Municipal / other area	33.5km length
12.IOD/IOA/Concession/Plan Approval Number	NA IOD/IOA/Concession/Plan Approval Number: NA Approved Built-up Area:
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	Not applicable
17.Net Plot area	Not applicable

SEIAA Meeting No: SEIAA meeting no 108 Meeting Date: April 7, 2017 (SEIAA-STATEMENT-0000000024)
SEIAA-MINUTES-0000000023
SEIAA-EC-0000000002

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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	4241000000



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

24.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	0	0	NA	NA	NA	NA	0	0
25.Rain Water Harvesting (RWH)	Level of the Ground water table:		NA						
	Size and no of RWH tank(s) and Quantity:		NA						
	Location of the RWH tank(s):		NA						
	Quantity of recharge pits:		NA						
	Size of recharge pits :		NA						
	Budgetary allocation (Capital cost) :		NA						
	Budgetary allocation (O & M cost) :		NA						
	Details of UGT tanks if any :		NA						
26.Storm water drainage	Natural water drainage pattern:		NA						
	Quantity of storm water:		NA						
	Size of SWD:		NA						
27.Sewage and Waste water	Sewage generation in KLD:		NA						
	STP technology:		NA						
	Capacity of STP (CMD):		NA						
	Location & area of the STP:		NA						
	Budgetary allocation (Capital cost):		NA						
	Budgetary allocation (O & M cost):		NA						

28.Solid waste Management

Waste generation in the Pre Construction and Construction phase:	Waste generation:	10.5 milion cubic meter
	Disposal of the construction waste debris:	authorised locations
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:	MCGM
	Wet waste:	MCGM
	Hazardous waste:	Authorised agency
	Biomedical waste (If applicable):	Authorised agency
	STP Sludge (Dry sludge):	NA
	Others if any:	NA
Area requirement:	Location(s):	NA
	Area for the storage of waste & other material:	NA
	Area for machinery:	NA
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA
	O & M cost:	NA

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29.Effluent Charecterestics					
Serial Number	Parameters	Unit	Inlet Effluent Charecterestics	Outlet Effluent Charecterestics	Effluent discharge standards (MPCB)
1	NA	NA	NA	NA	NA
Amount of effluent generation (CMD):		NA			
Capacity of the ETP:		NA			
Amount of treated effluent recycled :		NA			
Amount of water send to the CETP:		NA			
Membership of CETP (if require):		NA			
Note on ETP technology to be used		NA			
Disposal of the ETP sludge		NA			



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30.Hazardous Waste Details							
Serial Number	Description	Cat	UOM	Existing	Proposed	Total	Method of Disposal
1	Used oil, oil filters	5.1	NA	NA	NA	NA	Authorised agency
31.Stacks emission Details							
Serial Number	Section & units	Fuel Used with Quantity	Stack No.	Height from ground level (m)	Internal diameter (m)	Temp. of Exhaust Gases	
1	NA	NA	NA	NA	NA	NA	
32.Details of Fuel to be used							
Serial Number	Type of Fuel	Existing	Proposed	Total			
1	NA	NA	NA	NA			
33.Source of Fuel		NA					
34.Mode of Transportation of fuel to site		NA					
35.Energy							
Power requirement:	Source of power supply :	TATA Power					
	During Construction Phase: (Demand Load)	NA					
	DG set as Power back-up during construction phase	NA					
	During Operation phase (Connected load):	NA					
	During Operation phase (Demand load):	NA					
	Transformer:	NA					
	DG set as Power back-up during operation phase:	NA					
	Fuel used:	NA					
	Details of high tension line passing through the plot if any:	NA					
Energy saving by non-conventional method:							
NA							
36.Detail calculations & % of saving:							
Serial Number	Energy Conservation Measures			Saving %			
1	NA			NA			
37.Details of pollution control Systems							

Source	Existing pollution control system		Proposed to be installed				
NA	NA		NA				
Budgetary allocation (Capital cost and O&M cost):	Capital cost:	NA					
	O & M cost:	NA					
38.Environmental Management plan Budgetary Allocation							
a) Construction phase (with Break-up):							
Serial Number	Attributes	Parameter	Total Cost per annum (Rs. In Lacs)				
1	NA	NA	NA				
b) Operation Phase (with Break-up):							
Serial Number	Component	Description	Capital cost Rs. In Lacs	Operational and Maintenance cost (Rs. in Lacs/yr)			
1	NA	NA	NA	NA			
39.Storage of chemicals (inflammable/explosive/hazardous/toxic substances)							
Description	Status	Location	Storage Capacity in MT	Maximum Quantity of Storage at any point of time in MT	Consumption / Month in MT	Source of Supply	Means of transportation
NA	NA	NA	NA	NA	NA	NA	NA
40.Any Other Information							
No Information Available							

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	CRZ/ RRZ clearance obtain, if any:	NA
	Distance from Protected Areas / Critically Polluted areas / Eco-sensitive areas/ inter-State boundaries	NA
	Category as per schedule of EIA Notification sheet	NA
	Court cases pending if any	NA
	Other Relevant Informations	Application submitted for CRZ Clearance for the alignment Colaba-Bandra-SEEPZ
	Have you previously submitted Application online on MOEF Website.	No
	Date of online submission	-

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 submitted copy of recommendations obtained from mangrove cell for cutting of mangroves.
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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. MUNICIPAL COMMISSIONER MUMBAI
6. REGIONAL OFFICE MPCB MUMBAI

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