

Minutes of the 131st meeting of the Maharashtra Coastal Zone Management Authority (MCZMA) held on 6th March, 2019

Minutes of the 131st meeting of the Maharashtra Coastal Zone Management Authority held under the Chairmanship of Principal Secretary, Environment on 6th March, 2019 in the Sachivalay Gymkhana, Mumbai. List of the members present in the meeting is enclosed as Annexure I.

Confirmation of Minutes:

The Authority decided to confirm the minutes of 130th meeting of the MCZMA.

Item No.1: Proposed construction of anti-sea erosion bund at Munage Wirachapar, Dist. Sindhudurg by PWD

The officials of PWD presented the proposal before the Authority. The proposal is for construction of anti-sea erosion bund at Munage Wirachapar, Dist. Sindhudurg. The said proposal was deliberated in the 119th & 125th meeting held on 28-30.06.2017 and 21st August, 2018, wherein it was decided to make a site visit to this location in order to understand the necessity of the stone bund.

Accordingly, a site visit was conducted on 07.02.2019 by MCZMA expert Members. As per the site visit report, the PWD has proposed concrete wall 420 mtr along the creek at Munage village. There is agricultural land beside the creek. During the inspection, team observed that along the bank of creek, on either side of the proposed location a concrete wall already exists with a stone pitching. At the proposed location, only pitching would also be sufficient in protecting the bank and erosion. It would also provide transitory system to develop aquatic plants and support marine life of the creek. This can be strengthen by planting coconut or suitable trees at the landward side. Similar observations were made on the other bank of creek where the considerable stretch of bank is covered with pitching and plantation of local trees.

In light of observations made during site visit and after deliberations, the Authority decided to recommend the proposal to SEIAA subject to following conditions:

1. PP to ensure that only stone pitching and plantation of coconut or suitable trees at the landward side is allowed at site.


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2. PP to ensure that no concrete wall construction is allowed in intertidal area i.e. CRZ-I area.
3. PP to ensure that no cutting of the trees and hill cutting is allowed.
4. All other required permission from different statutory authorities should be obtained.

Item No.2: Proposed construction of anti-sea erosion bund at village Mithmumbari, Dist. Sindhudurg

The officials of PWD presented the proposal before the Authority. The proposal is for construction of anti-sea erosion bund at village Mithmumbari, Dist. Sindhudurg.

The said proposal was earlier deliberated in the 119th & 125th meeting held on 28-30.06.2017 and 21st August, 2018, wherein it was decided to make a site visit to this location in order to understand the necessity of the stone bund.

Accordingly, a site visit was conducted on 07.02.2019 by MCZMA expert Members. As per the site visit report, the PWD has proposed gabions of 115 mtr adjacent to existing coastal road at Mithumumbari. The inspection team observed that along some stretch there exist gabions already placed few years before. In present scenario, the proposed gabions would extend the beach stabilization process. It is suggested to extend this work without changing/ disturbing the local water channels reaching to the sea from village catchment. Further, local aesthetics and plantation is strongly recommended as enhancing factor for natural stability.

In light of observations made during site visit and after deliberations, the Authority decided to recommend the proposal to SEIAA subject to following conditions:

1. PP to ensure that only gabions is allowed to be placed at site, without changing/ disturbing the local water channels reaching to the sea from village catchment.
2. Local aesthetics and plantation is strongly recommended as enhancing factor for natural stability. PP to ensure that no concrete construction is allowed in intertidal area i.e. CRZ-I area.
3. All other required permission from different statutory authorities should be obtained.


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Item No.3: Proposed development of Varsova beach at Varsova, Andheri (W) under the program of beach development for tourism by MHADA

The officials of MHADA presented the proposal before the Authority. The Authority noted that, proposal is for proposed development of beach which includes following components -

Sr. No.	Component	Size	CRZ category
1	Stepped Sea wall	95 Mtr long (3200 Sq mtr)	CRZ-I
2	1Toilet block	80 Sq mtr	CRZ-I
3	Boat shaped deck area	250 Sq mtr	CRZ-I
4	2 Watch tower & security cabin	(56 Sq mtr X2) =112 Sq mtr	CRZ-I
5	3 Toilet blocks	(80 Sq mtr X 3)= 240 Sq mtr	CRZ-II
6	Fish market	700 Sq mtr	CRZ-II

The Authority noted that MHADA has proposed solid construction on the Versova beach area. It was discussed that MHADA need to explore other options of the versova beach beautification which are eco-friendly. Solid construction on the beach may disturb the coastal ecology of the area, hence, it may not be allowed.

In the light of above, the Authority decided to direct the MHADA to revise the proposal, as per the observations of MCZMA as stated above. The present proposal stands delisted from the record of the MCZMA.

Item No. 4: Proposed construction of public Rain Shelter, Community Toilet & Electric Sub Station on land bearing S. No.769/pt (Old), 339/pt(New), S. No. 722/pt(Old), 342/3(new) at village Bhaindar, Dist. Thane by MSRTC

The officials of MSRTC present in the meeting. The Authority noted that, PP has not presented the proposal. After deliberations, the Authority decided to defer the proposal for want of detail presentation of the proposal.


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Item No. 5: Proposed construction of anti-sea erosion bund at Tal. Navapur, Dist. Palghar by Harbour Engineering Division

The Project proponent was absent for the meeting. Hence, the matter was deferred.

Item No. 6: Proposed STP plant and underground drainage work phase II at Bhiwandi Nizampur city by Bhiwandi - Nizampur Municipal Corporation

The Project proponent was absent for the meeting. Hence, the matter was deferred.

Item No. 7: Proposed storm water drainage project for Mira Bhayandar Municipal Corporation area under the Amrut Mission by MBMC

The officials of MBMC presented the proposal before the Authority. The proposal is for construction of storm water drainage under Amrut Mission. Location of the proposed Nalla are as follows:

- 1) Nalla in front of Saint Thome school towards khadi at Kankiya Road (Nalla No. 12A)
- 2) Nalla from Om Sai Complex back side nalla towards Jay Ambe Nagar No. 1 towards creek, Bhaindar (W) (Nalla no.3)
- 3) Nalla from Uttan Naka Fish Market to Pali, Uttan (Nalla No. FN 2)
- 4) Nalla from Krantinagar toilet towards Bajarangnagar, Bhaindar (W) (Nalla No.3B)
- 5) Nalla from Saint Josef School towards Srushti Bridge, Mira Road (E) (Nalla No. 28)

The Authority noted that, the proposal was deliberated in the 121st meeting held on 16-17.9.2017, wherein the Authority directed the PP to revise the plans in such a way that mangrove are not destroyed/ cut for the proposed work. Further, the PP to redesign the plan to ensure that saline water ingress is not stopped in mangrove area. Alignment should be avoided in CRZ I area.


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Officials of MBMC presented that, alignment of nalla has been revised and no construction in mangrove area is proposed:

Nalah No.	CRZ Classification					
	Earlier Proposal		Revised proposal			
	CRZ I	Buffer Zone	CRZ I	Buffer Zone	CRZ II	Survey Plot
Nalah No. 12A	.....	1440	Nil	1440	.....	.....
Nalah No. 3	3780	.....	Nil	3780	.....	.....
Nalah No. FN2	6490	1030	Nil	7520	.....	.....
Nalah No. 3b	265	400	Nil	665	.....	.....
Nalah No. 28	4600	570	Nil	3370	830	1010

The Authority deliberated the proposal in detail. Location of the each nalla was discussed. It was observed that realignment of nallas proposed by the MBMC may obstruct the tidally flow of water in mangrove patches, leading to its destruction due to stoppage of tidal ingress in them. Further, it was noted that there is a complaint pertaining to alleged CRZ violations in the realignment of Nallas.

The Authority further observed that the Mangrove cell may make site visit. Mangrove cell shall confirm that necessity of the project and tidal flow of coastal water body should not be hampered due to proposed activities and also take cognizance of complaints received in the matter.

After deliberation, the Authority decided to defer the proposal for the submission of the report of the Mangrove Cell as stated above.

Item No. 8: Proposed dredging for clearing of waterways at Dudh River / Satpati Creek, Dist. Palghar by MMB

The officials of MMB presented the proposal before the Authority. The Authority noted that, the proposal was deliberated in the 121st meeting held on 16-17.9.2017 and decided to defer the proposal for submission of Environment


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Impact Assessment & EMP report with latest data by the MMB. The proposal is for dredging for clearing of waterways at Dudh River / Satpati Creek, Dist. Palghar.

The PP presented that the dredging is essential for the navigation of large number of fishing vessels belonging to this fishing port and also for smooth navigation of passenger cross ferries operating in this creek. For achieving the above, this port will require maintenance dredging of about 12, 50,000 cubic meters from the mouth of the creek up to Village Kumbhvali (8 km stretch). This is required to achieve a draft of 2 m for safe navigation of vessels. CWPRS has suggested that on completion of this entire dredging, this channel will also require regular maintenance dredging on an average of 1,50,000 cubic meters quantity as and when it is found that depths are reducing due to siltation in the creek. Hence maintenance dredging of the order of 1,50,000 cubic meters will be also required as and when depths are reducing due to siltation

The PP has submitted the Rapid EIA/ EMP for the project. The Authority observed that there should not be sand dredging driven activity. MMB should ensure that the proposal primarily aims for maintenance dredging for clearing of waterways.

After deliberation, the Authority decided to recommend the proposal to SEIAA from CRZ point of view subject strict compliance of following conditions:

1. PP to ensure that proposed activities should be as per provisions of CRZ Notification, 2011.
2. The PP to strictly ensure that no mangrove should be destructed
3. PP to ensure that dredged material is dumped in the CRZ area
4. MMB to ensure that maintenance dredging is not sand mining driven and ensure that the proposal primarily aims for maintenance dredging for clearing of waterways.
5. PP to implement the Environment Management plan during the dredging activity.
6. PP to ensure that livelihood activities of the fishermen communities should not be hampered due to project activities.
7. All other required permission from different statutory authorities should be obtained.


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Item No. 9: **Proposed redevelopment of Worli Koliwada Municipal Primary School on plot bearing C. S. No. 2/224 of Worli division in G/s Ward, Mumbai by MCGM**

The officials of MCGM presented the proposal before the Authority. The Authority noted that, the proposal was deliberated in the 127th meeting held on 2.11.2018. The MCGM officials during the meeting informed that revised proposal may be submitted by the MCGM pertaining to construction of primary school on vacant plot under reference.

The officials of MCGM submitted that, proposal is for proposed redevelopment of Worli Koliwada Municipal Primary School on plot bearing C. S. No. 2/224 of Worli division in G/s Ward, Mumbai.

The Authority noted that, existing school building is already demolished and proposed school building comprises of Ground + 1st to 4th upper floors. As per approved DP, the plot under reference situated in residential Zone and not reserved for any public purpose. As per CZMP of Greater Mumbai, the plot under reference is situated in CRZ-II area. Total Plot area is 706.00 sqmt and proposed BUA is 935.04 sqm

After deliberation, the Authority decided to recommend the proposal from CRZ point of view to MoEFCC, New Delhi subject to compliance of following conditions:

1. Proposed reconstruction should be as per provisions of CRZ Notification, 2011.
2. MCGM to ensure that FSI for the proposed construction is as per DCR existing and in force as on 19.2.1991 before issuing commencement certificate for the project.
3. All other required permissions should be obtained prior to commencement of construction activity.


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Item No. 10: Proposed development of infrastructure facilities for fishermen community at Thane & Palghar districts by Commissioner of Fisheries

Officials of the Fisheries Department presented the proposal before the Authority. The proposal is for development of infrastructure facilities for fishermen community at 3 locations of Thane and Palghar districts.

The proposal was earlier deliberated in 128th meeting of the MCZMA wherein the Authority sought certain information from the fisheries dept. Accordingly, fisheries department submitted the details of the proposal, which is tabulated as below:

Village Name	Activity	CRZ area / Mangrove Remarks
1. Murbe, Palghar 19°44'26.84"N 72°42'35.75"E	Existing: Wharf cum Approach Road Proposed: Jetty, Boat Yard (2 Nos), Boat Basin, Ramp, Upgrading of existing approach road & Solar lights	CRZ I- A(mangrove 50 m buffer), CRZ I(B), and CRZ IV Proposed activities are not in mangrove. However, jetty and road is proposed in 50 m buffer zone area.
2. Pachu-Bunder, Vasai, Palghar 19°19'32.08"N 72°48'34.06"E	Existing: Approach channel, Retaining wall, Common Platform for Boat yard & Net mending with sloping ramp Proposed: Boat Yard (3 No.), Slopping Ramp (4 No.), Upgrading of existing Slopping Ramp (4 No.) &	CRZ I (B) and CRZ IV Proposed activities are not in mangrove or its 50 m buffer zone area.


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Village Name	Activity	CRZ area / Mangrove Remarks
	Approach Road	
3. Diwalegaon, Belapur, Thane 19°00'41.18"N 73°02'29.19"E	Existing: Common Platform for loading/unloading, net mending, docking Proposed: Auction Platform, Fish Drying Platform, Upgrading wharf with Ramp, Boat Basin, Approach Road, External Water Supply, Street Lights	CRZ I & CRZ IV Proposed activities are not in mangrove or its 50 m buffer zone area.

The Authority noted that project aims for up gradation in existing facilities/create permanent safe basic infrastructures of post -harvesting facilities to meet demands of fishing community from different fish landing centres. Thus, upgrading the basic requirement of local fishermen will boost their fish Catch/landing/transporting, eventually helping to enhance state's fish production. The Authority noted the Rapid EIA/ EMP for the project.

The Authority observed that Murbe and Pachubunder sites of Palghar district could permitted for developing the infrastructure facilities for the fishermen community, as per the provisions of the CRZ Notification, 2011.

The Authority noted that thick mangrove vegetation is observed around the Diwalegaon, Thane site. It was decided that site visit to be carried out by the Mangrove cell in order to ascertain the exitence of the mangrove on the site. Whether proposed development of the fisheries jetty will affect the coastal biodiversity of the area.

The Authority noted that as per para 4(i) (f) of CRZ Notification, 2011 Construction and operation for harbours, jetties, wharves, quays, slipways,


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ship construction yards, breakwaters, groynes, erosion control measures are permissible activities. And, as per amended CRZ Notification dated 28th November, 2014 published by MoEF, clearance from the SEIAA is required for the said projects.

The Authority after deliberation decided to recommend the proposal, except site at Diwalegoan, Thane from CRZ point of view to SEIAA subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. Debris generated during the construction activity should not be dumped in CRZ area. It should be ensured that debris is disposed in a scientific manner at a designated site.
3. PP to ensure that no mangrove should be cut/ destroyed for the proposed project. If the project is proposed in 50 m mangrove buffer zone, prior High Court permission should be obtained.
4. There shall not be violation of the Hon'ble High Court order dated 17th September, 2018 in PIL 87/2006.
5. Adequate nos. of Channels/culverts/pipes shall be put across jetty in order to ensure free/natural tidal flow in the mangrove area and drainage pattern of the area should not be disturbed
6. Natural course of creek/river water should not be hampered due to proposed activities.
7. Environment Management Plan should be implemented effectively during construction and operation phase of the project.
8. All other required permission from different statutory authorities should be obtained.

Item No. 11: Proposed construction of DP Road from S. B. Maidan-Mira Road Station-Dahisar Link Road and widening & construction of the DP Road from Dahisar Check Naka Tare compound, NL complex to Mira Road by MBMC

The officials of MBMC presented the proposal before the Authority. The Authority noted that, the proposal comprises of Proposed 1) construction of DP Road from S. B. Maidan-Mira Road Station-Dahisar Link Road and 2) widening &


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construction of the DP Road from Dahisar Check Naka Tare compound, NL complex to Mira Road.

The Authority noted that, proposed construction of DP Road of 6015 Mt from S. B. Maidan-Mira Road Station-Dahisar Link Road falls in

Total Length	6015 Mt
Total Area	227700 Sqm
CRZ I (i) / buffer zone affected	60450 Sq m / 47250 Sq m
CRZ I (ii)	41250
CRZ III	67500 Sq m
Survey Plot	11250 sqm

The Authority noted that, proposed widening & construction of the DP Road of 1421 Mtr from Dahisar Check Naka Tare compound, NL complex to Mira Road falls in CRZ-I(i), CRZ-III areas.

Total Length	1421 Mt
Total Area	25578 Sqm
CRZ I (i) / buffer zone	7218 Sqm / 3780 Sqm
CRZ III	4860 Sqm
Survey Plot	9900

In the light of above, the Authority after deliberation decided that a site visit to be carried out by the Mangrove Cell to ascertain that whether proposed development of the DP roads will affect the mangroves and coastal biodiversity of the area.

Accordingly, the matter was deferred for the compliance as stated above.

Item No. 12: Proposed construction of passenger jetty and amenities at Kelwa, Tal. & Dist. Palghar by MMB

As per request of MMB officials, the matter was deferred


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Item No. 13: Proposed Toilet Blocks near Waste Water Treatment Plant, opp. Saptrushi Tower, Shrushti, Sector-2, Miraroad E, Mira Bhainder by MBMC

The officials of MBMC presented the proposal before the Authority. It was noted that proposed toilet block is situated seaward side of existing road and in mangrove buffer zone. The Authority suggested the MBMC officials to explore other location for construction of the toilet block. After deliberation, the Authority decided to reject the proposal on the said location from CRZ point of view.

Item No. 14: Proposed construction of protection wall along Nalla No. 6 from Akash Ganga Soc. To Kalavati Mandir at Saket Road, Thane (W), Dist. Thane by TMC

The officials of TMC presented the proposal before the Authority. The Authority noted that the proposed activity for construction of protective wall of 210m from Kalavati Mandir to Akashganga Society to stop flooding in the premises and to avoid inconvenience or any mishaps like spread of water borne diseases and damage to property during monsoon season. As per CZMP of Thane, proposed wall is situated in CRZ-I and CRZ-II.

In the light of above, the Authority after deliberation decided that a site visit to be carried out by the Mangrove Cell. Whether proposed construction of protection wall will affect the mangroves and coastal biodiversity of the area.

Accordingly, the matter was deferred for the compliance as stated above.

Item No. 15: Proposed development of Ship Yard at Ganesh Ghat, Kalyan, Dist. Thane by MMB

The officials of MMB presented the proposal before the Authority. The Authority noted that, proposed development of Ship Yard at Ganesh Ghat, Kalyan, Dist. Thane comprises of following components-

- Open Ship repair yard : 100m x 80m
- Temporary shed for workshop and office : 40m x 45
- Dry Dock: 80m X 20m
- Slipway


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- Scrap Pit: 15m x 5m
- MSEB transformer

The Authority noted that, the site under reference is situated in CRZ-II and no mangroves present on site. As per para 4(i)(f) of the CRZ Notification, 2011, following is permissible:

"construction and operation for ports and harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures"

After deliberations, the Authority decided to recommend the proposal to SEIAA with subject to following conditions:

1. The proposed construction should be carried out strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. PP to ensure that Mangrove if any, should not be disturbed.
3. PP to ensure the tidal flow of coastal water body should not be hampered due to proposed activities.
4. PP to ensure that no reclamation is allowed in the CRZ area.
5. PP to ensure there shall no discharge of any untreated sewage / untreated effluent in CRZ area.
6. PP to ensure that hazardous waste should not be disposed in the creek water.
7. PP to ensure that livelihood activities of the fishermen communities should not be hampered due to project activities.
8. All other required permission from different statutory authorities should be obtained.

Item No. 16: Proposed underground cabling work at village Satpati, Palghar, Tal & Dist. Palghar by MSEDCL

The Project proponent was absent for the meeting. Hence, the matter was deferred.


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Item No. 17: Proposed concrete ramp at village Sarsoli, Navi Mumbai, Dist. Thane by Mangroves Conservation Unit

The MCZMA in its 121st meeting held on 15th & 16th September, 2017 has already recommended the proposal to SEIAA. The Authority took on record the same.

Item No. 18: Proposed Hurricane-resistant shelter centre on plot bearing gut no. 389/1 (pt), Mauje Edavan, Tal. & Dist. Palghar by Town planning Palghar

The Project proponent was absent for the meeting. Hence, the matter was deferred.

Item No. 19: Proposed construction of Tourism Jetty at Undari, Dist. Raigad by MMB

As per request of MMB officials, the matter was deferred.

Item No. 20: Proposed construction of tourism jetty at Diveagar, Dist. Raigad by MMB

As per request of MMB officials, the matter was deferred.

Item No. 21: Amendment in CRZ clearance granted for the Inland Water Transport along east coast to Mumbai by Mumbai Port Trust.

The Mumbai Port Trust (MbPT) officials presented the proposal before the Authority. The MBPT officials presented that the proposal of Inland Water Transport (Passenger RO RO Service) on east coast of Mumbai was earlier deliberated in 77th meeting of the MCZMA held on 9th October, 2012. The proposal involved construction of RO RO jetty at Ferry Wharf, Nerul and Mandwa along with Terminal buildings, access roads. The proposal was recommended to MoEF, New Delhi for grant of CRZ clearance. Accordingly, the MoEF, New Delhi vide letter dated 7th May, 2013 granted the Environmental and CRZ clearance to the said project subject to certain conditions. The MbPT officials informed that the Maharashtra Maritime Board (MMB) is the nodal


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agency of the project. Construction of the RO RO jetty at the ferry is being implemented by the MbPT. At Mandwa, construction of the RO RO jetty is completed by the MMB. Further, at Nerul, work is in progress by the CIDCO.

The MbPT officials further presented that present proposal before the Authority is for the change in plan for terminal building at Ferry wharf. MbPT has proposed to reduce the area of terminal building. Now, Terminal building at Ferry wharf is proposed by retrofitting an old existing M- Shed ground floor structure. Terminal building will house ancillary activities such as ticket counters, arrival and departure lounge, office for ferry operators, security booths, traffic control Room, restaurant, rest room, book stalls, telephone booths, first aid facilities. The Authority noted that the proposed terminal building is situated in CRZ II area as per the approved CZMP of the Greater Mumbai, under CRZ Notification, 2011.

The change in plan and shift in location of the terminal building will result in freeing up of space, which will be beautified and utilised for the waterfront activities like skating Rink, Events bay and sitting area. It was presented that said waterfront activities are situated in CRZ II area, as per the approved CZMP of the Greater Mumbai.

The Authority observed that the proposal is for amendment in the planning of the terminal building which is a part of project of Inland Water Transport along east coast to Mumbai, approved by the MoEF, New Delhi on 7th May, 2013. Hence, the matter amounts to amendment in Environment clearance granted by the MoEF, New Delhi.

In the light of above, the Authority after deliberation decided to recommend the proposal to MoEF&CC, New Delhi from CRZ point of view for amendment in the EC dated 7th May, 2013.

Item No. 22: Providing and laying 300mm, dia RC NP3 class pipe sewer along bund wall at Janata Colony and connecting it to 800mm dia sewer line on Veer Nariman Road, Worli Village, in G/S ward, Mumbai by MCGM

The officials of MCGM presented the proposal before the Authority. The proposal is for Providing & Laying 300mm dia RC NP3 class pipe sewer along bund


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wall at Janata Colony and connecting it to 800mm dia sewer line on Veer Nariman Road, Worli Village, in G/South Ward, Mumbai. Length of Sewer is 510 mtr and Dia of sewer line is 300mm RC NP3 class. Average Depth is 2.5 to 3.0 mtr. The land under reference falls in CRZ-II area.

After detailed deliberation and discussion the Authority decided to recommend the proposal from CRZ point of view to SEIAA subject to compliance of following conditions:

1. PP should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
2. PP should restore the sites after laying of the sewer lines. Debris should not be disposed of in CRZ area.
3. PP to ensure period monitoring of the sewer lines.
4. All other required permissions should be obtained before the commencement of the project.

Item No. 23: Proposed demolition & reconstruction of FOB at Chandanwadi, MK Road (North) & FOB at Chandanwadi, MK Road (South), Marine Lines in C ward, Mumbai by MCGM

The Project proponent was absent for the meeting. Hence, the matter was deferred.

Item No. 24: Proposed sewer line by Micro Tunnelling Method along Lagoon Road from Mahapalika Pumping Center Bus Stop to Marve Road at Malad (W) in P/N Ward, Mumbai by MCGM

The officials of MCGM presented the proposal before the Authority. The proposal is for proposed sewer line by Micro Tunnelling Method along Lagoon Road from Mahapalika Pumping Center Bus Stop to Marve Road at Malad (W) in P/N Ward, Mumbai. Length of sewer is 1.25 Km. and Diameter of Sewer line is 600 mm and 1000 mm dia RC NP4 class. Average Depth is 7.00 m. Method of construction is Micro tunneling Method. The land under reference falls in CRZ-II area.


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After detailed deliberation and discussion the Authority decided to recommend the proposal from CRZ point of view to SEIAA subject to compliance of following conditions:

1. PP should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
2. PP should restore the sites after laying of the sewer lines. Debris should not be disposed of in CRZ area.
3. PP to ensure period monitoring of the sewer lines.
4. All other required permissions should be obtained before the commencement of the project.


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With the consent of the Chairman, MCZMA, additional items:

Item No.1: Proposed Shipyard and allied facilities at Belapur, Navi Mumbai by MMB

The officials of MMB presented the proposal before the Authority. The proposal is for construction of Shipyard at Belapur, Navi Mumbai. Proposed activities involved onstruction of wharf of 110 meter, porta cabin for allied facilities and approach road.

The PP has submitted the project location on the CRZ map of Navi Mumbai, as per which, the site is located CRZ II area. The Authority observed that mangrove area present in the vicinity of the project site. The PP presented that no activity is proposed in mangrove or its 50 m buffer zone area. The MMB has submitted the Rapid EIA/ EMP for the project.

The Authority noted that as per para 4(i) (f) of CRZ Notification, 2011 Construction and operation for harbours, jetties, wharves, quays, slipways, ship construction yards, breakwaters, groynes, erosion control measures are permissible activities. And, as per amended CRZ Notification dated 28th November, 2014 published by MoEF, clearance from the SEIAA is required for the said projects

After deliberations, the Authority decided to recommend the proposal to SEIAA subject to following conditions:

1. Proposed activities in CRZ areas should be in accordance with provisions of CRZ Notification, 2011 (amended time to time).
2. MMB ensure that no construction is allowed in mangroves & its 50m buffer zone. No reclamation of the creek is permitted.
3. MMB to ensure that hazardous waste should not be disposed in the creek water.
4. PP to ensure the tidal flow of coastal water body should not be hampered due to proposed activities.
5. PP to ensure there shall no discharge of any untreated sewage / untreated effluent in CRZ area.


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6. PP to ensure that livelihood activities of the fishermen communities should not be hampered due to project activities.
7. All other required permission from different statutory authorities should be obtained.

Item No.2: Proposed Jetty and allied facilities at Belapur, Navi Mumbai by MMB

The officials of MMB presented the proposal before the Authority. The proposal is for Jetty and allied facilities at Belapur, Navi Mumbai. The jetty is used for Water transport for Belapur to Ferry wharf and Elephanta. Proposed Pile Jetty includes Approach Jetty of 73.20 X 6.00 meter, Berthing jetty of 26.90 X 10.80 meter and Ticket counter & allied facility. The project is proposed in CRZ IV area. The Authority observed that mangrove area present in the vicinity of the project site. The PP presented that no activity is proposed in mangrove or its 50 m buffer zone area.

After detailed deliberation and discussion the Authority decided to recommend the proposal from CRZ point of view to SEIAA subject to compliance of following conditions:

1. Proposed activities should in accordance with provisions of CRZ Notification, 2011 (amended time to time).
2. MMB should ensure that no mangrove vegetation is affected due to proposed jetty. Further, tidal flow of creek water should not be disturbed.
3. MMB to ensure that construction debris should not be disposed in CRZ area.
4. MMB to ensure that livelihood activities of the fishermen communities should not be hampered due to project activities.
5. All other required permissions should be obtained before the commencement of the project.


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Item No.3: Proposed construction of multipurpose jetty alongside Dahanu creek for unloading bulk cargo including coal Tal. Dahanu, Dist. Palghar by M/s Jai Mata Di Enterprises.

The PP presented the proposal before the Authority. The proposal is for proposed construction of multipurpose jetty alongside Dahanu creek for unloading bulk cargo including coal Tal. Dahanu, Dist. Palghar. The Authority noted that as per the approved CZMP, under CRZ Notification, 2011, the site is shown as mudflats. Storage of the coal in the mudflat area will not be allowed, in accordance with the provisions of the CRZ Notification, 2011.

The Authority further noted that proposal submitted by the PP is incomplete. The PP need to submit the revised proposal in accordance with provision of the CRZ Notification, 2011 with following information:

1. Duly filled Form I of the CRZ Notification, 2011
2. Exploration of the other alternative sites.
3. Project layout of the activities along with report
4. Project layout superimposed on the approved CZMP scale.
5. Rapid EIA/ EMP of the project
6. Whether the project is affecting fisheries in the area.
7. Whether the land is declared as forest.

After deliberation, the Authority decided to defer the proposal for the submission of the compliance as stated above.

Item No.4: Proposed Mumbai - Ahmedabad High Speed Railway Project by National High Speed Rail Corporation Limited (NHSRCL)

The officials of National High Speed Rail Corporation Limited (NHSRCL) presented the proposal of Mumbai - Ahmedabad High Speed Railway project (MAHSR) before the Authority. PP presented that proposed project is Rail based infrastructure of National importance. The authority noted that the proposal was earlier deliberated in the 126th & 128th meeting of MCZMA held on 27.08.2018 & 20.12.2018 respectively.

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Proposed alignment comprises of Chainage Km 0+000- BKC, Mumbai to km 508 + 170 - Sabarmati, Ahmedabad. The MAHSR project consist From 0.00 to 155.642 km chainage with 4 stations in Maharashtra such as 1) BKC, 2) Thane, 3) Virar & 4) Boisar.

1. Total Length of MAHSR - 508.17 Km.
2. Alignment in Maharashtra - 155.642 km.
3. Length under CRZ in Maharashtra - 21.92 km

PP has submitted comprehensive EIA Report and Integrated mangrove Conservation & Management Plan for the project. PP has submitted report on Study on the faunal components & conservation plan for Thane Creek Flamingo Sanctuary prepared by Zoological Survey of India.

The Authority noted the CRZ status of proposed alignment as per CRZ report dated May, 2018 prepared by NIO, Goa:

Location	CRZ Category	Crossing Length of MAHSR Alignment (m)	Area (Ha)	Proposed Structure
Mithi River	III & IVB	135.94	0.1849	Underground Tunnel
Thane Creek	IA & IVB	9299.61	12.6475	Underground Tunnel
Ulhas River near Dombivili	IA & IVB	2795.67	15.175 0	Station on Viaduct & Viaduct
Ulhas River near Vasai Creek	IA & IVB	5423.60	9.4913	Viaduct
Vairtarna River	IA & IVB	4258.99	5.7496	Viaduct
Total		21913.84	43.2483	


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The Authority noted the mangroves details as are follows-

Forest Division	Taluka	Total area of mangrove forest diversion (Ha)	Area of mangroves Cutting (Ha)	No. of mangroves Cutting	Proposed Structure
Mumbai Mangrove Cell	Kurla	8.3976	NIL	NIL	Underground Tunnel
	Thane				
Thane	Thane	12.2200	13.3668	53467	Viaduct (Elevated Structure)
	Bhiwandi	10.3350			
	Vasai	1.4776			
Total		32.4302	13.3668	53467	

The officials further presented that, the compensatory mangrove afforestation shall be undertaken by the Mangrove Cell, Mumbai on the land identified and allocated by the District Collector.

The Authority noted that Hon. High Court Bombay in the WP (L) No. 265 of 2019 in the National High Speed Rail Corporation Ltd Vs State of Maharashtra and Others passed an Order dated 12.02.2019. Hon'ble High Court directed to MCZMA to consider the subject matter to take decision on the proposal within the period of four weeks from the dated order.

After deliberations, the Authority decided to recommend the proposal to the MoEF & CC, New Delhi with subject to following conditions:

1. PP should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
2. Prior permission from Hon. High Court Bombay should be obtained as the project involves cutting of mangroves.
3. PP to ensure compensatory mangrove afforestation shall be undertaken by the PP through Mangrove Cell, Mumbai.
4. PP to ensure the tidal flow of coastal water body should not be hampered due to proposed activities.


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5. PP to ensure that minimum mangrove vegetation is affected due to proposed activities.
6. PP to obtain Forest Clearance under Forest (conservation) Act, 1980.
7. PP to ensure the debris (C&D Waste) should not be disposed in CRZ area and should be as per C&D Waste Rules, 2016.
8. PP to ensure that no ground water shall be tapped to meet with water requirement during construction & / or operation phase from CRZ area.
9. PP to ensure there shall no discharge of any untreated sewage / untreated effluent in CRZ area.
10. Best engineering practices & construction should be followed for fire safety measures and for conservation of coastal environment.
11. PP to ensure that the muck disposal should not be in CRZ area and should be as per standard guidelines & procedures.
12. PP to implement the Environment Management Plan effectively during the implementation and operation phase of the project and PP to ensure that Separate budget shall be allotted for the same.
13. PP to ensure that the Noise level during operation phase should not exceed the permissible limit.
14. PP to ensure that livelihood activities of the fishermen communities should not be hampered due to project activities.
15. All other required permissions should be obtained before the commencement of the project.

Item No.5: Proposed deepening & Widening of Approach Channel to Second Chemical Berth at Pir Pau, Mumbai

The officials of MbPT presented the proposal before the Authority. The Authority noted that, the MbPT has proposed Deepening and widening of Approach channel to Second Chemical Berth (SCB) at Pir Pau, Mumbai. Based on the above design vessel size, the dimensions of the proposed deepening and widening of SCB Channel is as under-

- Width of the Channel = 300 m
- Depth of the Channel = up to 11.0 m below Chart Datum (CD)
- Radius of Turning Circle = 460 m
- Depth at Berth pocket = 14.0m below CD

For the proposed widening and deepening of existing approach Channel to SCB, the quantum of soil dredging estimated is as 3.9 lakhs cum and rock dredging as


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1.45 lakhs cum. The dredged material will be dumped at the designated dumping ground DS3. As per CZMP of Greater Mumbai the site under reference is situated in CRZ-IV(A) area. The officials of MbPT presented the EIA, EMP & DMP for the project.

The Authority after deliberation decided to recommend the proposal from CRZ point of view to MoEF subject to compliance of following conditions:

1. The proposed activity should be undertaken strictly as per the provisions of CRZ Notification, 2011 (as amended from time to time) and guidelines/ clarifications given by MoEF from time to time.
2. Bathymetric studies need to be carried out for pre and post dredging activity.
3. The Environment Management Plan (EMP) & Environment Monitoring Plan should be implemented in spirit and it should be in consonance with the surrounding ecosystem. Specific budget should be allocated for the implementation of EMP.
4. The dredging activity shall not be carried out during breeding or spawning period.
5. No blasting activity shall be allowed for dredging.
6. No labour camp, machineries and material storage is allowed in CRZ area & it should also be ensured that the waste water from these entities should not be released into the coastal water body. Effluent treatment plant should be located outside CRZ area.
7. No destruction of mangroves is allowed. Coral reefs, if any present in the area shall not be disturbed. No work should be carried out in 50 m buffer zone of mangroves.
8. No reclamation of water body is allowed.
9. Non sand/ coarse material should not be disposed in CRZ area.
10. PP should ensure that emergency oil spill response plan is ready with appropriate clean up supplies.
11. All other required permissions from different statutory authorities should be obtained prior to commencement of work.


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Item No.6: Proposed development of Multipurpose Jetty at Girgaon Chowpatty, Mumbai by MbPT

The officials of MbPT presented the proposal before the Authority. The Authority noted that, proposal is for Proposed development of Multipurpose Jetty at Girgaon Chowpatty, Mumbai. MbPT proposed to construct the jetty behind Birla Kreedha Kendra premises in Mumbai. Further it has also been decided to utilize a small portion of Birla Kreedha Kendra premises for providing access to the Jetty from the Marine drive road, & for providing other facilities such as waiting area, changing room, wash rooms, booking office etc. for the users of the jetty. The jetty intended is of total 150m long permanent piled structure with 30m long jetty and 120m long connecting bridge. To facilitate free movement of the embarking and disembarking passengers, 4m wide passageway has been proposed.

During the meeting, the Authority observed the following:

- a) The PP to submit the Study report from CWPRS for proposed project.
- b) The PP to submit NOC from High Power Committee
- c) The PP to submit NOC from MCGM & Fisheries department.

After deliberation, the Authority decided to defer the proposal for the compliance as stated above.


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Item No.7: Proposed development of Ecological & Cultural Park at Sewri, Mumbai by MbPT

The officials of MbPT presented the proposal before the Authority. The proposal is for development of Ecological & Cultural Park at Sewri, Mumbai. The Authority noted that, the project falls in CRZ I. Proposed project involves following components:

- 1) Mangrove & Salt Marsh Nature Trails**
 - Board Walk through Mangrove maintaining their status
- 2) Visitors Centre & Cultural Centre**
- 3) Watch Tower**
 - Bird Watching & Observation Tower
- 4) Research Facilities**
 - Medicinal Plant
 - Mangrove production
 - All about the Mangrove
 - Different Types of Mangroves
- 5) Interpretation Centre**
 - Interpretation Centre with innovative & interactive education modules/sections
 - Posters/section with marine ecology information
 - Auditorium for audiovisual shows
 - Photography gallery (consisting of marine biodiversity of Mumbai)
 - Library
 - Certificate courses/programs on Mangrove Ecology Conservation with Mumbai University and Foreign University
- 6) Mangrove Museums**
 - Exhibition Centre
 - Mangrove & Marine Biodiversity importance chart section
 - Mangrove lifecycle information posters
 - Miniature fiber models of mangrove species
 - Fiber Models for Animal & Birds associated with marine biodiversity e.g. flamingo, Turtle, Fish etc.

After deliberations, the Authority decided to recommend the proposals to SEIAA with subject to following conditions:


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1. The Prior High Court permission should be obtained by the MbPT since the project is proposed in mangrove area.
2. The PP to obtain the NoC from the Mangrove Cell. Mangrove cell may make site visit before granting NoC.
3. MbPT should ensure that minimum footprint area is occupied in the mangrove area for setting up for the Interpretation & exhibition Centre, Board walk and watch tower.
4. Cafeteria proposed in the project is not allowed.
5. All other required permission from different statutory authorities should be obtained

Item No.8: Proposed jetty at Dahisar, Mumbai by MMB

The Authority noted that the PP is yet to submit the complete proposal with details like project layout superimposed on the approved CZMP, Rapid EIA/ EMP report etc. Hence, the Authority decided to defer the proposal.

Item No.9: Proposed redevelopment of slum scheme plot bearing CTS no. B 906 (pt) & 1152(pt) of village Bandra, Kandeshwari Road, Bandra (W), H/W ward, Mumbai by M/s. Hare Krishna Developers

The PP presented the proposal before the Authority. The Authority noted that, proposal is for redevelopment of slum scheme on plot bearing CTS no. B 906 (pt) & 1152(pt) of village Bandra, Kandeshwari Road, Bandra (W), H/W ward, Mumbai, under para 8.V.1 (b) of CRZ Notification, 2011. At present, there are 282 hutments existing on the plot under reference.

The Authority noted that as per para 8.V. (b) of the CRZ Notification, 2011, Slum Rehabilitation schemes in CRZ II areas of Greater Mumbai:

- (i) such redevelopment schemes shall be undertaken directly or through joint ventures or through public private partnerships or other similar models ensuring that the stake of the State Government or its parastatal entities shall be not less than 51%
- (ii) the Floor Space Index or Floor Area Ratio for such redevelopment schemes shall be in accordance with the Town and Country Planning Regulations prevailing as on the date on which the project is granted approval by the competent authority


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The PP presented that as per criteria stipulated in para 8.V. (b) (i) of the CRZ Notification, 2011, the SR scheme under reference is proposed with public private partnership fulfilling the stake of Government not less than 51%. The PP further presented that the SRA vide letter dated 24.4.2017 has worked out different modalities for stake sharing between Government agency and private. In reply to this, the Housing Department, GoM vide letter dated 28.3.2018 has approved a particular modality at option No. 2-B. mentioned in above said SRA letter.

The PP presented that as per DP of the 1991, the plot under reference falls in Residential Zone and has two reservations of Garden and proposed Sewage purification plant. The total area of plot is 4910.49 sqm out of which 3089.16 sqm area in Sewage Purification Plant reservation (buildable reservation) & remaining 1821.33 sqm in Garden reservation (non-buildable reservation)

The PP further presented that there is DP of 2034 for Greater Mumbai, however, the said DP for the land under reference has not been finalized yet. It is under Excluded portion (EP)

The PP further presented that the project got approval from the Slum Rehabilitation Authority as per the DCR & DP of 1991, which was in force at the time of grant of approval by the competent Authority i.e. SRA. The PP further stated that grant of revised LOI for the project is in process by the SRA.

As per the DP of the 1991, total area of plot in residential zone is 4910.49 sqm out of which, 1821.33 sqm in Garden reservation. The PP stated that area under Garden will be handed over to MCGM, in accordance with demarcation by concern competent Authority, as per the plans approved in the project. The PP presented that no construction is proposed on the land portion where Garden reservation of admeasuring 1821.33 sqm.

The PP presented that, proposed building comprises of following-

Rehab Building	2 Basements + Ground Floor + 23 upper floors
Sale Building:	3 Basements + Ground Floor + 7 parking Floor + 3 Podiums + Transfer Floor + Service Floor + 1st to 28th Upper residential floors including Fire Check & Service Floors

The PP presented that, initially SRA has granted LOI dated 22.07.2016 for the project. Further, SRA has sanctioned revised LOI dated 28.02.2019, copy of which is submitted by the PP. As per the said revised LOI:


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- Plot area is 4910.49 sqm
- Garden area is 1821.33 Sqm
- Sewage Purification Plant is 184.14 Sqm
- Balance area of plot after deductions is 2905.02 Sqm.
- Permissible FSI is 4.00
- Permissible BUA is 19641.96 sqm
- Proposed BUA is 15053.21 sqm
- Rehab Component is 8579.94 sqm
- Sale Component is 8579.94 sqm

The Public hearing was conducted on 15.02.2018 by MPCB & District Collector. The PP further presented that the MCZMA vide letter dated 23.11.2017 has issued recommendation for construction of temporary transit camp on plot bearing CTS No. B-906, B/Part and 1152 Part of village B Ward, Taluka Bandra, Kadeshwari Marg, Bandra (W), Mumbai.

The Authority noted that the project site under reference is situated within 500 m from the Arabian sea from the west side and situated within 100 m from the south side i.e. Mahim bay. Hence, the plot falls in CRZ II area. However, by virtue of the para 8 (V) (e) & (f) of CRZ Notification, 2011, the plot portion reserved for garden area shall be categorized as CRZ-III area. Hence, no construction activity should be undertaken on area reserved for Garden.

Further, the PP presented that the plot under reference is situated on landward side of existing road and existing authorized structure. The Authority noted that the land under reference is affected by the CRZ from the Arabian Sea on Western side and Mahim Bay from Southern side. There is existing road and structures on western side. Further, there is existing road leading to old Kandeshwari temple on south side, which further connects to old baptist road on east side. There is existing structure on southern side, adjacent to road.

The Authority observed that CRZ Notification, 2011 permits Slum Rehabilitation Scheme in CRZ II area, in order to provide a safe and decent dwelling to the slum dwellers. Notification further stresses that Slum redevelopment projects shall be carried out in accountable and transparent manner by PP with a preconditions in para 8.v.1. (d) of the CRZ Notification, 2011. The PP has submitted the public hearing report dated 15.02.2018. The PP further stated that there are certain typographic errors in the report. The PP has agreed to submit the updated copy of Public hearing report of the legally entitled slum dwellers, as mentioned in the para


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8.v.1 (d). 4 of the CRZ Notification, 2011. The Authority instructed PP to submit the undertaking stating that, 1) all preconditions stipulated in para 8.v.1. (d).1. (i) to (v) related to SRA development shall be complied with. The Authority further noted that, if the Construction in the project involves more than 20,000sq mts built-up area, the PP has to obtain the EC under EIA Notification, 2006, as per para 4(i)(d) of the CRZ Notification, 2011.

After deliberations, the Authority decided to recommend the proposal to concern planning Authority from CRZ point of view subject to compliance of the following conditions:

1. PP should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
2. Concern planning authority to strictly ensure that all conditions of the para 8.V. (b) & (d) of the CRZ Notification, 2011 related to SRA development are complied with.
3. Concern planning authority shall ensure that project proponent follows preconditions stipulated in para 8.v.1.(d) of the CRZ Notification, 2011.
4. Concerned planning Authority should ensure that proposed SR scheme is situated on landward side of existing road/authorized structure existing prior to 19.2.1991.
5. Concerned planning Authority to ensure that FSI proposed in the scheme is in accordance with the Town and Country Planning Regulations prevailing as on the date on which the project is granted approval by the competent authority.
6. Concerned planning Authority to ensure that the stake of the State Government or its parastatal entities shall not be less than 51% in the project, as stipulated in para 8.v.(b) of the CRZ Notification, 2011.
7. PP to ensure that No construction activity should be undertaken in Garden reservation, and the same shall be handed over to planning Authority.
8. The PP to obtain the prior Environment Clearance from SEIAA, if total construction area exceeds 20,000 Sqm.
9. The PP to ensure environment measures such as STP, solar water lighting & heating, Rainwater harvesting, OWC etc are implemented in the scheme.
10. PP to submit updated Public Hearing Report to SRA with copy to MCZMA.
11. All other required permissions should be obtained before the commencement of the project.


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Item No.10: Proposed development in sustainable way under 'Paryatanatun Swayam Rojagarakade' scheme in Sindhudurg District by Collector office, Sindhudurg

The Deputy CEO, ZP, Malvan presented the proposal before the Authority. The Authority noted that the proposal is for the development of wooden cottages with public private partnership model is proposed on 23 locations under 'Paryatanatun Swayam Rojagarakade' scheme in Sindhudurg District.

Sr. No.	Location	Project details	CRZ classification of the plot as per new approved CZMP under CRZ Notification, 2011
1	S No. 16(515) /1, At post pirawadi, Achara, Tal Malvan (Land owner-Dev Rameshwar Aachre)	temporary type wooden cottage with: Total area of plot- 2710 Sqm Built up area - 159.419 Sqm	CRZ III area and within 200 m from the HTL of the seafront
2	Sr No. 200/3, at Kochare, Tal: Vengurla (Land owner - Mr. Yogesh Teli)	temporary type wooden cottage with: total plot area - 17170 Sqm total built up area- 84.49 Sqm	CRZ I area (Intertidal area and touching to mangrove area)
3	Sr No. 11/1, 11/2, 11/3 at Bhogave, Tal: Vengurla (Land owner - Sanjay Samant)	temporary type wooden cottage with: total plot area - 19930 Sqm total built up area- 61.26 Sqm	CRZ III area and within 50 m from the HTL of the seafront i.e. NDZ area.
4	Sr. No. 165B/1/9 + 165B/1/8 at Wayanagani, Tal: Malvan	temporary type wooden cottage with: total plot area - 13760	CRZ III area and partly within 200 m from the HTL of the seafront i.e. partly in NDZ area.


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	Land owner -Abhay Pednekar)	Sqm total built up area- 100.817 Sqm	
5	Sr. No. 71/(2+1/4), at Tondavali, Tal: Malvan Land owner - Shobhana Patil	4 units of temporary type wooden cottage with: total plot area - 8400 Sqm total built up area- 23.10 x 4= 92.40 Sqm	CRZ III area and partly within 50 m from the HTL of the seafront i.e. NDZ area.
6	Sr. No. 50/2, at Velbhag Mithmumbhari, Tal: Devgad Land owner - Suchitra Dambari	2 types temporary type wooden cottage (single & twin unit) with: total plot area - 8100 Sqm total built up area- 239.107 Sqm	CRA I A (sand Dune/ mudflats)
7	Sr. No. 41/2/1. at KothewaDA(Hadi), Tal: Malvan Land owner -Deepak Shedge	6 units of temporary type wooden cottage with: total plot area - 3600 Sqm total built up area- 30.64x 6= 183.84 Sqm	Partly within 100 m from creek, CRZ III and NDZ area and partly outside CRZ area.
8	Sr. No. 16/19, 16/21, 16/22, 16/23, 16/24 at Juva Pankhol, Tal: Malvan Land owner - Shrikrushna Parab	4 units temporary type wooden cottage with: total plot area - 1000 Sqm total built up area- 31.720 x 4= 126.88 Sqm	Within 100 m from creek, CRZ III and NDZ area It is an island.
9	Sr. No. 31/36,	4 units temporary type	Within 100 m from creek,


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	31/37, 31/38 at Revandi, Tal: Malvan Land owner - Dattaprasad Tawade Land owner -Amita Samant	wooden cottage with: total plot area - 810 Sqm total built up area- 102.02x4= 408.08 Sqm	CRZ III and NDZ area
10	Sr. No. 3/23, at Gaonkarwada (Hadi), Tal: Malvan	2 units temporary type wooden cottage with: total plot area - 810 Sqm total built up area- 102.02x4= 408.08 Sqm	Partly in CRZ I and CRZ III area i.e NDZ of the creek.
11	Sr. No. 43/11, at khavane, Tal: Vengurla, Land owner -Sachin Randive	2 units temporary type wooden cottage with: total plot area - 1700 Sqm total built up area- 75.63x 2= 151.26 Sqm	CRZ III area and partly within 50 m from the HTL of the seafront i.e. NDZ area
12	Sr. No. 41/1 at Korjai Chipi, Tal: Vengurla Land owner - Sainath Mandye	2 units temporary type wooden cottage with: total plot area - 1400 Sqm total built up area- 40.80 x 2= 81.60 Sqm	Partly within CRZ I and partly within CRZ III, NDZ area of the creek.
13	Sr. No. 34/4/2 at Bhigave, Tal: Vengurla Land owner -Yogesh Nerrurkar	2 units temporary type wooden cottage with: total plot area - 1420 Sqm total built up area- 60.56	CRZ III area and partly within 100 m from the HTL of the seafront i.e. NDZ area


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		x 2= 121.12 Sqm	
14	Sr.No. 5(25) 34/1, at Gaonkarwada (Hadi), Tal: Malvan Land owner - Ramchandra Gaonkar	2 units temporary type wooden cottage with: total plot area - 1100 Sqm total built up area- 47.45 x2= 94.90 Sqm	CRZ III area, within 100 m from the HTL of the creek i.e. NDZ area.
15	Sr. No. 4/14& 4/13B, at Siddharthwadi (Ubhadanda) at Vengurla Land owner - Dinanath Vernekar	2 units temporary type wooden cottage with: total plot area - 3090 Sqm total built up area- 81.03 Sqm	CRZ III area, within 50 m from the HTL of the seafront i.e. NDZ area.
16	Sr. No. 44/1B, at Chipi at Vengurla Land owner - Harishchandra Sonwadadekar	2 units temporary type wooden cottage with: total plot area - 1013 Sqm total built up area- 81.60 Sqm	CRZ III area, partly within 100 m from the HTL of the creek i.e. NDZ area.
17	Sr No. 134/5, 134/6, 134/7, 134/12 at Chipi at Vengurla Land owner - Mohan Karguntkar	4 units temporary type wooden cottage with: total plot area - 1500 Sqm total built up area- 31.236x4= 124.944 Sqm	CRZ III, within 100m from the creek i.e. NDZ area of the creek.
18	Sr. No. 33.4, 32.5, 32.6, 32.7B at	4 units temporary type wooden cottage with:	CRZ III, within 100m from the river i.e. NDZ area of


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	Dhamapur, Tal: Malvan Land owner - Pramod Naik	total plot area - 2230Sqm total built up area- 17.153x4= 68.612 Sqm	the river
19	Sr. No. 19/3/20, 19/4/8 at Shelpi, Tal: Bhogave Land owner - Satyawati Gawade	3 units temporary type wooden cottage with: total plot area - 990 Sqm total built up area- 23.725x3= 71.175 Sqm	CRZ III, within 100m from the river i.e. NDZ area of the river
20	Sr. No. 79/12/80/12/81/12 at Tondavali Tal: Malvan Land owner - Shivranjan Patil	4 units temporary type wooden cottage with: total plot area - 7710 Sqm total built up area- 19.555x4 x 4= 78.220 Sqm	CRZ III, touching to HTL of creel i.e. NDZ area of the creek
21	Sr. No. 199/5 at Kochare, Tal: Vengurla Land owner - Devdatta Salgoankar	2 types temporary type wooden cottage with: total plot area - 4850 Sqm total built up area- 101.279Sqm	CRZ I area (Intertidal)
22	Sr No. 2/1/1, at Bhogave, Tal: Vengurla Land owner - Purushottam Samant.	temporary type wooden cottage with: total plot area - 8900 Sqm total built up area- 51.87 Sqm	Beyond applicable CRZ setback area from seafront and creek.


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23	Sr No. 74/2/1, at Tondavali, Tal: Malvan Land owner - Tilottama Hadkar	4 units temporary type wooden cottage with: total plot area - 14040 Sqm total built up area- 94.16 Sqm	CRZ III area & partly within 200 m (NDZ are) from the seafront.
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During the meeting, the Authority observed the followings:

- Out of 23 locations listed in above table, 21 sites are either situated in CRZ I or/and in No Development Zone (NDZ) of the CRZ III area, wherein development of wooden cottages would not be permissible as per the provisions of the CRZ Notification, 2011.
- The site bearing Sr No. 2/1/1, at Bhogave, Tal: Vengurla, which is listed at Sr no. 22 in above table, is situated outside CRZ area, as per the site shown in the approved CZMP of the Sindhudurg, submitted by the Collector office. Proposed development of temporary wooden cottages could be allowed on the said site.
- The site bearing Sr. No. 41/2/1. at KothewaDA(Hadi), Tal: Malvan , listed at Sr no. 7 in above table, is situated partly within 100 m from creek, CRZ III and NDZ area and partly outside CRZ area, as per the site shown in the approved CZMP of the Sindhudurg, submitted by the Collector office. Proposed development of temporary wooden cottages could be allowed beyond CRZ III belt of the creek i.e. in Non CRZ area.

In the light of above, the Authority after deliberation decided to grant the NoC from the CRZ point of view to concern planning Authority for development of temporary wooden cottages at site bearing Sr No. 2/1/1, at Bhogave, Tal: Vengurla which is situated beyond CRZ area, as per the approved CZMP under CRZ Notification, 2011 of the Sindhudurg area. The Local body to ensure that construction is not permitted in CRZ belt of the creek. Construction debris should not be dumped in CRZ area.

The Authority further decided that separate proposal to be submitted for the site bearing Sr. No. 41/2/1 at KothewaDA(Hadi), Tal: Malvan, which is partly in CRZ & partly in Non CRZ area. The PP to submit the project layout superimposed on the approved CZMP of the sindhudurg.


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Item No.11: Regarding construction of molasses storage tank in Vijaydurg Port, Dist. Sindhudurg by MMB.

The MCZMA was in receipt of complaint dated 25.02.2016 regarding illegal construction of molasses storage tank in Vijaydurg Port, Dist. Sindhudurg from Shri. Aniket S Amberkar.

MCZMA vide letter dated 25.4.2016 forwarded the said complaint to the District Collector Sindhudurg & MPCB and requested to take appropriate action on above said complaint, if violation of provision of CRZ Notification, 1991 & 2011 is found.

District Collector, Sindhudurg, vide letter dated 16.01.2017 submitted their report stating following points:

- Maharashtra Maritime Board has signed Agreement with M/s. Midex Global Overseas Limited on 20.12.2000 for exportation of molasses by use of jetty.
- The plot bearing S.No. 125, Hissa no. 1 & S.no. 125, Hissa no. 4, mouje Vijaydurg, Tal. Devgad, Dist. Sindhudurg is owned by Salt Department, Central Government.
- M/s. Midex Global Overseas Limited has constructed molasses storage tank at 20 ft. from the creek in 2001.
- It seems that no permission from MCZMA, Environment Department for molasses storage tank is received and therefore the said construction is in violation of the CRZ norms.

In the 128th meeting, the MCZMA directed the Company (M/s. Midex Global Overseas Limited) to submit various statutory permissions obtained for construction and operation of molasses storage tank on plot under reference. The M/s. Midex Global Overseas Limited has not submitted its reply.

The Authority noted that, complainant vide letter dated 01.02.2019 informed that, he wish to voluntarily withdraw the complaint.

The Authority observed that there is no CRZ clearance from the competent Authority for the storage tank on the site under reference. This is violation of


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the CRZ norms. The MMB officials also confirmed the same. The Authority after deliberation decided to direct that existing storage tank on the site under reference should be removed immediately. The District Collector, Sindhudurg and MMB should ensure the same.

The MMB officials presented that after removal of the old storage tank, new molasses storage tank will be built up by another company namely, M/s Integrated Service Point Pvt Ltd. The new company vide letter dated 13.2019 has submitted an application for set up of Liquid Storage tank to store non Hazardous cargo like Molasses at Vijaydurg port. The proposed tank adm. Dia. 21 m & height 9 m. The proposed tank would able to store around 3063 KL of Molasses. As per approved CZMP of Sindhudurg District, the site under reference is situated in CRZ-III area and no mangroves present in the vicinity of the project site.

As per the provisions under the Para 8 III CRZ III A (iii) (e) and Para 8 III CRZ III B (ii) of the CRZ Notification 2011 facilities for receipt and storage of petroleum products and liquefied natural gas as specified in Annexure-II. The storage of Molasses is not included in Annexure-II of the CRZ Notification 2011. However the project proponent has requested to accord NQC including the product 'Molasses' as it is a non-hazardous in nature.

After deliberations, the Authority decided to recommend the proposal to the MoEF & CC, New Delhi with subject to following conditions:

1. PP should ensure that proposed activities in CRZ areas are as per provisions of CRZ Notification, 2011 (amended time to time).
2. PP to ensure there shall no discharge of any untreated sewage / untreated effluent in CRZ area.
3. Best engineering practices & construction should be followed for fire safety measures and for conservation of coastal environment.
4. PP to implement the Environment Management Plan effectively during the implementation and operation phase of the project and PP to ensure that Separate budget shall be allotted for the same.
5. PP to ensure that livelihood activities of the fishermen communities should not be hampered due to project activities.
6. All other required permissions should be obtained before the commencement of the project.


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Item no. 12: Proposed construction of Ro- Ro jetties at Devbaug and Karli, Sindhudurg District by MMB.

The Authority noted that the MCZMA in its 127th meeting held on 2nd November, 2018 deliberated the proposal of construction of Ro- Ro jetties at Devbaug and Karli, Sindhudurg District by Maharashtra Maritime Board, from CRZ point of view. The MCZMA after deliberation decided that a site inspection to be carried out by Mangrove Cell and expert members of MCZMA. Whether there is existence of mangrove at Devbaug and Karli. Whether the project activities are proposed in mangroves or its 50 m buffer zone area.

Accordingly, a site visit was conducted on 6th February, 2019 by Expert Members, MCZMA and Mangrove Cell officials, along with officials of the MMB and Environment Consultant appointed by MMB. The team members visited the sites in order to ascertain the mangrove vegetation at the site and considering the vulnerability of the coastal environment at village Devbaug and Karli, the members also observed the sites from CRZ point of view and probable impacts of the Ro-Ro jetty on surrounding coastal environment. Observations of the site visit are as follows:

1. Existing Jetty at Devbaug, Tal: Malvan, Dist: Sindhudurg:

The inspection team visited the site at Devbaug and observed that there is existing jetty in the form of steps to Karli estuary which is used by the local inhabitants for anchoring the fishing boats. The said jetty is located near the mouth of karli estuary at the confluence point of Arabian Sea and Karli estuary.

The MMB has proposed the reclamation on about 2926 Sqm for Ro-Ro jetty facility on northern side of existing jetty. Mangrove vegetation is not observed on the either side of existing jetty. Approved CZMP under CRZ Notification, 2011 also does not show any mangrove vegetation.

Nevertheless, deposition of sand on southern side and opposite bank of the Karli estuary has made the width of karli estuary narrow. Any reclamation at the proposed site would influence free flow of tidal water.

2. Existing Jetty at Karli, Tal: Malvan, Dist: Sindhudurg


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The inspection team visited the site at Karli which is located at a distance of around 2.5 km diagonally opposite bank in north east direction of Devbaug jetty. There is existing jetty at Karli, northern side of which, MMB has proposed reclamation for new jetty facility.

The team observed that on southern side of existing jetty, mangrove vegetation composed of *Rizophora mucronata*, *Exoecaria agalloca*, *Acanthus ilicifolius* with biologically active mudflat is present. Therefore, the MMB has proposed Ro Ro jetty facility on the northern side of bank where mangrove vegetation is not observed but, it falls in 50 m mangrove buffer zone.

Upon the overall understanding of proposed Ro-Ro jetty project and impact of the same on critical coastal environment of the Devbuag and Karli, inspection team arrive at following conclusion:

1. Proposed Ro Ro jetty site at village Devbaug is a critically vulnerable area from the Coastal environment point of view. Village Devbaug is located at the confluence point of Arabian Sea at East side and Karli Estuary on west side. Entire Devbaug village is in CRZ area. The approved Coastal Zone Management Plan gives a special status to the area as "Critically Vulnerable Coastal Area". Proposed Ro Ro jetty would bring vehicular traffic in narrow village internal road of Devbaug. Dwelling units of local traditional people & dense trees are abutting this internal narrow road, where hardly one vehicle passes at a time. Report on Shoreline Management Plan for Coastal area prepared by MMB in June 2017, also at environmental sensitivity and serious erosion status of the Devbaug area. Taking into account the carrying capacity of the internal village road, it is quite evident that, addition of vehicular traffic load from Ro Ro jetty on narrow internal village road would not be sustainable and will adversely disturb the delicate coastal environmental settings of the traditional village Devbaug.
2. On interactions with local residents of village Devbaug, it is noted that there is a requirement of jetty for local coastal inhabitants for local navigation and anchoring fishing boats. Current existing jetty is not a proper jetty and in dilapidated condition which is used by local villagers for traditional navigation & anchoring small fishing boats. There is fishing activity at Devbaug- Karli Estuary, especially during monsoon season, which should be protected & conserved, as a livelihood of local traditional

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inhabitants, which is one of the main intention of the CRZ Notification, 2011.

3. Like Devabug, proposed Ro Ro Jetty site at village karli is also critically vulnerable coastal area. There is existing jetty, adjacent to which, on southern side, there are mangroves with active mudflats. The inspection team observed noticeable sedimentation around the site. Proposed RO RO jetty will fall within 50 m mangrove buffer zone.
4. Thus, Ro-Ro jetty option worked by MMB would not be feasible at selected locations, considering serious erosion status & unique coastal environmental settings of the selected sites and carrying capacity of narrow village internal road of Devbaug. Option of reconstruction of existing jetty, without large scale reclamation at village Devbaug for local traditional coastal inhabitants for fishing purpose could be explored, as per requirement of the local inhabitants.

In the light of observations of the site visit, the Authority after deliberation decided to reject the proposal from CRZ point of view.

Annexure I

List of the members present in the meeting:

1. Commissioner Fisheries
2. Mr. Vasudevan, Additional Principal Chief Conservator of Forest, Mangrove Cell, Mumbai
3. Dr. Mahesh Shindikar, CoEP, Expert Member, MCZMA
4. Dr. Khot Mahadev Satappa, Principal, Chh. Sambhaji Raje Sainik School, Ratnagri, Expert Member, MCZMA
5. Mr. Kudale, Ex director, CWPRS, Pune, Expert Member, MCZMA
6. Mr. Suryakant K. Nikam Member Secretary, MCZMA


Member Secretary


Chairman