

AGENDA ITEMS FOR THE 168th MEETING OF THE GOA COASTAL ZONE MANAGEMENT AUTHORITY (GCZMA) TO BE HELD ON 24/01/2018 (WEDNESDAY) AT 11:30 P.M. IN THE CONFERENCE HALL, 2ND FLOOR, SECRETARIAT, PORVORIM – GOA.

Item No.1: To confirm the minutes of the 167th GCZMA Meeting held on 09/01/2018.

The members may kindly give their comments / suggestions, if any and the same may be confirmed.

Item No. 2

Case No. 2.1

To discuss on NOC for proposed restoration of a damaged walls and bastions of the Chapora fort as per Archaeological norms.

Background: Office is in receipt of application along with necessary documents, site Plans and photographs from Department of Archives and Archeology on 16/11/2017 for grant of NOC for proposed restoration of a damaged walls and bastions of the fort as per Archaeological norms. The said fort falls in CRZ –I area.

The site inspection was carried out by Expert Member GCZMA Shri. Prabhakar Shirodkar alongwith Hon'ble Minister for Archives and Archeology and other Government officials on 03/11/2017.

- 1) The Gradient to reach the fort from where the road ends, is very steep, difficult to climb and more difficult to climb down.
- 2) In order to inspect the fort from inside, steps are required to be carved out from the existing steep gradient to make approach to the said fort.

The said matter was discussed during 165th GCZMA meeting held on 21/12/2017 wherein it was brought to the notice of the Authority by the Expert Member of the GCZMA who had earlier visited at the site, that the gradient of the path/way leading to the entrance of the Chapora Fort is very steep, hence it is very difficult to climb up to the gate and also more difficult to climb down the steep slope. After detailed discussion and deliberation Authority decided to instruct the applicant to carve out steps from the existing steep slope leading to the said entrance of the Chapora Fort, due to inaccessibility to reach the gate since the expert members three of them who are senior citizen.

This was conveyed to the GCZMA vide letter No. 8/252/2015/DAA-1838, dated 02/01/2018. Accordingly, a site inspection was fixed for understanding the existing condition of the Fort and to get all other necessary details which are required for granting permission for the proposal.

The site inspection was again carried out by Expert Member GCZMA Dr. Prabhakar Shirodkar and Eng. Audhoot Bhonsule along with the DSLR representative Mr. Sudesh Sawant on 12/01/2018. At site, the members present were Miss Nalini Naik, Exploration Officer and Mr. Sumesh Mahale, Conservation Assistant from the Department of Archives and Archaeology. Also present were Mr. Shamsunder Adfadkar, the Assistant Engineer and Mr. Ravi Chavan the Technical Assistant both from PWD. Besides this, the Contractor Mr. Gill Aguiar from Aguiar Constructions, who has got the tender for carrying out the work of

making steps on the hill slope and the parking area was also present at site during the inspection.

Site Inspection Report:

- i) The site is a Chapora Fort situated on the hill top, also envisaging the Chapora hill, which is having a Sy. No. 357/1 of Anjuna Village.
- ii) The said Fort is a CRZ I area.
- iii) The Fort is falling partly within 0-200m from the HTL of the Arabian Sea from the western side at Vagator, Anjuna.
- iv) It is also falling partly within the NDZ of Chapora River from the north-western side.
- v) The area map provided, though indicates the 200m line from the HTL, the 100m line for knowing the riverine NDZ is not provided.
- vi) The DSLR representative indicated that it can be located at site by the DSLR.
- vii) The hill on which the Fort is situated is very steep and there are steps carved out on the hill starting from the hill road leading to the main entrance of the Fort.
- viii) The track of the steps is a zigzag one and it is having landings at certain intervals along the path as per the drawing provided at site.
- ix) However, the steps carved out of the hill recently have worn out due to tourists/people's movement and it is difficult either to climb up or to get down the slope as the track has become slippery.
- x) The proponent has therefore proposed to make the steps out of lateritic stones for sustainability.
- xi) The proponent has also proposed a concrete retaining wall to the hill cut portion at the parking area for safety purpose as there could be land slide during the monsoon due to large runoff from the hill top.
- xii) The proponent has also proposed drainage at the parking area to drain the monsoon water to the existing nulla which is on the eastern side of the hill.
- xiii) At the Fort entrance, the proponent has proposed a lateritic platform of 15 x 10m size for the people's landing safety and comfort while getting into the Fort.
- xiv) Inside the Fort, the Fort walls have been damaged and broken at many places leaving dangerous large open spaces overlooking the steep valley, which the proponent wants to fill up by using similar kind of lateritic stones as far as possible.
- xv) So also, there are bastions at few places and the gates with arcs which are also damaged and the proponent wants to repair and restore both.
- xvi) The restoration work will not involve cement or concrete but only lime will be used as per the ancient technique of Archaeology followed till date.
- xvii) Also proposed is laying of the lateritic pavements within the Fort area all along by the side of the walls as well as within the central part of the area for visitors movement.
- xviii) There exist two lateritic damaged/ruined structures within the Fort which the proponent wants to restore by using the laterite only.
- xix) As explained by the applicant at site, there will be temporary wooden benches put at many places with lawn grass around to make it visitor friendly.
- xx) Lastly, one existing metallic gate which is rusted and damaged, shall be replaced by a similar kind of new gate.

Conclusion and Recommendation

- i) The steps carved out of the hill to climb the top of the hill to go to the Fort do not sustain and have become smooth by people's /tourist's movement to the Fort.
- ii) Unless they are made out of laterite stones, which not only will strengthen the steps and its path, but also, shall be matching with the environment of the Fort.
- iii) The cut portion of the hill where the parking place has been made needs a protection to sustain particularly during the monsoon season, which otherwise can give rise to land/hill slide.

- iv) However, the concrete retaining wall as proposed by the applicant is not permissible within the NDZ area, so an alternative may be suggested by the Authority during the meeting to give a protection to the said hill cut portion.
- v) Similarly, the lateritic platform proposed by the applicant at the entrance to the Fort is very much required as once the Fort is put up to the public/tourist after its restoration, it will ensure the comfort and safety of the crowd gathering at the entrance gate for obtaining entry passes or for any other kind of work and should be permitted.
- vi) Since the Fort is a CRZ I area and is a declared Archaeological Monument as per the Goa Ancient Monument and Archaeological Sites and Remains Act 1978 and Rules 1980, the restoration of the Fort is highly essential.
- vii) The walls of the Fort broken at many places have the existing plinth from which the wall portions will be restored using similar kind of lateritic stones fitted with lime.
- viii) Similarly, the bastions and the gate arcs will also be restored in a similar fashion.
- ix) The wooden benches with metallic stands proposed to be put at some locations within the Fort area are temporary structures for use by the public for their ease and can be permitted.
- x) Also, the restoration of the old ruined structures within the Fort area is required for preservation of the heritage of Fort.
- xi) As per the CRZ Regulation, the restoration work if done on the existing plinth is permissible within the NDZ.
- xii) All the proposed restoration is on the existing plinth of the Fort walls as well as on the plinth of the ruined structures within the Fort area.
- xiii) So, the proposed activity becomes a permissible activity.
- xiv) The DSLR may be requested to carry out survey for providing the 200m line from the HTL of the Arabian Sea and the 100m line from the Chapora River at site.
- xv) The Authority may deliberate for a decision on NOC for the proposal.

Further, letter has been issued to the DSLR requesting to carry out survey for providing the 200m line from the HTL of the Arabian Sea and the 100m line from the Chapora River at site.

In view of the Above Authority may deliberate and decide.

Case No2.2

Permission for Temporary Fill up Portion of Very Low Draft in River Zuari for the Proposed Construction of Four/Six Lane Bridge Across Zuari River on NH-17 (NH-66): Panaji-Mangalore Section in Goa.

Background:

The Executive Engineer, PWD Div. XIV, Fatorda, Goa submitted an application dated 21/12/2017 to GCZMZ requesting for a permission for doing temporary filling of Zuari River portion of very low draft for carrying out the proposed construction of 4/6 lane bridge across the river. So, a site inspection was fixed to see the proposed site in Zuari River, the proposed bridge construction, to verify its CRZ zoning and the documents.

Site inspection was carried out by the Expert Members Dr. Prabhakar Shirodkar and Eng. Audhoot Bhonsule along with Mr. Santosh Volvoikar of GCZMA on 18/01/2018. At site, the applicants present were Mr. Prasad Panandikar, AE, Mr. Mahantesh R. Hiremuth, AE and Mr. Dinesh Tare, JE of PWD. Also present was Mr. Atul Joshi, Project Head of Dilip Buildcon Ltd.

Site Inspection Report:

- i) The site is a low draft portion of Zuari River backwater lying towards the south-western side of the existing Zuari bridge.

- ii) Basically, a portion on the southern bank of Zuari River by the western side of Zuari Bridge is open and this has forced the tidal water beyond the southern bank creating backwater influenced by tides.
- iii) The large part of the backwater area is shallow and is having mud flats.
- iv) A portion of the proposed Four/Six Lane bridge across Zuari River at Cortalim is passing over the said portion of the backwater.
- v) For linking the concrete segments of the bridge to the other pier which is already under construction within the Zuari River, either the Floating Craft or Floating Pontoons are required for taking the heavy cranes or other machinery to the site.
- vi) However, being the backwater of Zuari River, the existing draft is a shallow one which cannot accommodate the said cranes or machinery.
- vii) The applicant has therefore requested for soil filling of the demarcated stretch (as shown in the map submitted) within the backwater so that it can help in taking the cranes and other machinery over the proposed soil filled track for lifting the large concrete segments of the bridge for giving a link to the bridge.
- viii) The length of the proposed filling is 350 m whereas its width is 50 m.
- ix) This filling done will be only within the back waters of Zuari River towards the south-western side of the existing Zuari bridge. No filling has been proposed in any part of Zuari River.
- x) To maintain the water flow within the area, the RCC Hume pipes are proposed to be put at every 50m interval all along the 350m length of filling for free flow of tidal water.
- xi) After completion of the construction work, the soil filling done will be removed.
- xii) The GCZMA has initially granted permission in Dec., 2015 for the proposed 4 /6 lane bridge construction as per the EIA report submitted by the applicant.
- xiii) For the proposed sand filling, the work on preparation of specific EIA report is allotted to NIO, Goa which is ongoing.

Conclusion and Recommendation

- i) The proposed filling is mainly within the backwater of Zuari River towards the south-western side of the existing Zuari bridge.
- ii) The proposed sand filling is for taking the heavy cranes or other machinery to the site for lifting the heavy concrete segments of the proposed bridge for giving a link to the bridge.
- iii) The proposed filling by sand is for the ongoing work on the proposed construction of 4/6 lane bridge across the Zuari River on NH-17 (NH-66) and is a temporary one till the bridge is constructed.
- iv) Once the bridge construction is over the same shall be removed from the site to restore the area.
- v) Though the area acts as an intertidal zone, to keep a free flow of tidal water, the Hume Pipes will be put at every 50m interval all along the 350m long sand filling.
- vi) The GCZMA has already granted permission earlier for construction of the proposed 4/6 lane bridge which is a big necessity of the public.
- vii) Besides the earlier EIA report, the EIA study specifically pertaining to the proposed sand fill portion of the backwater of Zuari River area is allotted to NIO in October 2017.
- viii) NIO has already started and the work and it is ongoing, but the report submission will take time.
- ix) Since the 4/6 lane bridge work is an ongoing work with earlier permission from GCZMA, and the proposed construction work is an urgent necessity, the Authority should consider granting permission for soil filling of the proposed area.

- x) However, the applicant may be requested to submit the EIA report from NIO as early as possible upon completion.
- xi) This may be deliberated in the Authority meeting for a decision.

Case No.: 2.3:

NOC/Permission for proposed re-development of Cargo Berths at Mormugao Port on PPP basis by Mormugao Port Trust (MPT)

Background: The GCZMA is in receipt of an Application dated 23/08/2017 from the Mormugao Port Trust (MPT) for proposed re-development of Cargo Berths at Mormugao Port on PPP basis. The MPT has submitted the EIA study report for re-development of Berth 8, 9 & Barge Berth at MPT, Goa.

The said matter was placed before the Authority in its 159th GCZMA wherein meeting held on 10/10/2017 wherein the members discussed and deliberated and sought additional time to further examine the EIA report and take up this agenda in the next meeting.

The said matter was deliberated during 163rd GCZMA meeting held on 14/11/2017 wherein authority decided that this project involves 3 things i) shifting of berths 8 and 9 by constructing them about 50m away into the water front area from the existing old berth site ii) Dredging of the navigational channel from the first turning circle off berth 9 A and iii) Reclamation of the area.

As regards this project, the Authority decided to instruct MPT to carry out modelling studies for understanding the effect of the proposed deepening of the navigational channel by dredging upto-19.5 on the erosion taking place at Khariwada beach.

So also as the reclamation has been proposed the MPT should get the biodiversity study done within the reclamation area as compared to the other outside area in the berthing area of the channel. The MPT may get the studies done either from CWPRS, Pune or NIO, Goa. The report of the study may be submitted to GCZMA for further action.

This office is now in receipt of Opinion of Addn. Solicitor General dated 10/01/2018 on Order passed by NGT on 22.11.2017 on **O.A No. 424 of 2016 (Earlier 169/2015) and Original Application No. 11 of 2014.**

In view of the Above Authority may deliberate and decide.

Case No.:2.4:

CRZ Clearance /Permission for proposed deepening of approach Channel and Inner Basin for Capesize Vessels at Port of Mormugao Port submitted by the Mormugao Port Trust (MPT)

Background: The project proposal is received from the Chief Engineer, Mormugao Port Trust, Government of Goa, Headland - Sada - Goa vide letter bearing No. CE/PC-50/2017/3026 dated 02/08/2017 seeking approval / clearance of the GCZMA for proposed deepening of approach Channel and Inner Basin for Capesize Vessels at Port of Mormugao Taluka. The MPT has submitted the EIA study report for Capital deepening of Navigation Channel at Mormugao Port for Capesize Vessels.

The said matter was placed before the Authority in its 159th GCZMA held on 10/10/2017 wherein meeting members asked the representative of the MPT to submit the above details in writing to GCZMA and also the studies carried out by the NIO on the corals on Grande Island and thereafter take up this agenda in the next meeting .

The said matter was deliberated during 163rd GCZMA meeting held on 14/11/2017 wherein authority decided that this project involves only the dredging of the approach /navigational channel to more than 19mt depth. As regards this project, the Authority decided to forward project proposal on capital dredging to MoEF & CC subject to the condition that the MPT shall carry out Monitoring studies of water quality parameters such as Total Suspended Solids (TSS) and Turbidity at selected locations in water (at 3 depths-S, MD and B) every 500m along 3 transects from the coral reef area at Grand Island up to a distance of 3 km towards North, North west and the west direction, when the dumping of dredged material starts during the period of southwards flow of coastal currents (Baseline data should be obtained prior to start of monitoring studies).

Such a monitoring of TSS and turbidity should be done regularly over one month period to find out how much of the dredged material that is being dumped at the identified dumping site is affecting the corals at Grand Island. Upon completion of monitoring work , the report submitted to GCZMA if indicates that the corals are getting affected by the dumping of dredged material at the identified dumping site, than the new dumping site location will have to be identified by MPT for dumping of its dredged material.

This office is now in receipt of Opinion of Addn. Solicitor General dated 10/01/2018 on Order passed by NGT on 22.11.2017 on **O.A No. 424 of 2016 (Earlier 169/2015) and Original Application No. 11 of 2014.**

In view of the Above Authority may deliberate and decide.

Case No.:2.5:

To discuss and deliberate upon representation dated 10/10/2017 for issue of fresh N.O.C to conduct commercial activity and Proposal dated 10/10/2017 for addition and alteration to existing building in plot bearing no chalta no.12 of P.T.Sheet no.12, situated at Ribandar, Panaji-Goa.

The above matter was discussed and deliberated during 166th GCZMA meeting held on 27/11/2017 the complainant Shri. Kashinath Shetye addressed the Chairman of the Authority and the members stating that numerous complaints filed by him are pending for hearing. He also pointed out that the Authority has no power to review its own decision taken earlier and requested for early hearings in his matters. He listed out the following matters which are pending before the Authority;

1. Mr. Kashinath Shetye & ors. V/s Madan Sawant & ors.
 2. Mr. Kashinath Shetye & ors. V/s Prasad Naik & ors.
 3. Mr. Kashinath Shetye V/s M/s Nazri Beach Resort & ors.
 4. Mr. Kashinath Shetye & ors. V/s M/s Ozran Heights & ors.
 5. Mr. Kashinath Shetye V/s Deepak Chandrakant Naik & anr.
 6. Mr. Kashinath Shetye & ors. V/s Mrs. Sheila Dhody in (Casa Vagator, Casa Colvale, Casa Britona, Casa Baga and Casa Anjuna)
1. Mr. Kashinath Shetye & ors. V/s M/s. Thalasa Resort.
 2. Mr. Kashinath Shetye V/s U. V. Bar & Restaurant.

In case of the matter pertaining to the complaint filed against Shri. Madan Sawant and Shourya Hotel he pointed out that the Authority has decided to keep its order in abeyance for 2 months to decide the review applications filed by the respondents which expires on 31/12/2017.

The Authority decided to hold a personal hearing in both these matters on 23/01/2018 along with the Respondents and the complainant Shri. Kashinath Shetye. The Authority also decided to extend the decision to keep the Orders of demolition /restoration issued to Shri. Madan Sawant and M/s Shourya hotel in abeyance till the date of Personal Hearing on 23/01/2018. The date and time of personal hearing i.e. on 23/01/2018 at 3.30 pm onwards was intimated to Shri. Kashinath Shetye during the meeting for all the matters listed above. However on 23/01/2018 The personal hearing could not be conducted on 23/01/2018 as there was lack of quorum and the hearing was adjourned to 9th of February and both the parties who were present on 23/01/2018 have been intimated the same.

In view of the Above Authority may deliberate and decide.

Case No.2.6

To discuss and deliberate upon representation dated 9/10/2017 seeking recall/revocation of directions/demolition order dated 26/09/2017 and Proposal for addition and alteration to existing house no.21/198/B in plot bearing no chalta no.10 & 11 of P.T.Sheet no.12, situated at Ribandar, Panaji-Goa

The above matter was discussed and deliberated during 166th GCZMA meeting held on 27/11/2017 the complainant Shri. Kashinath Shetye addressed the Chairman of the Authority and the members stating that numerous complaints filed by him are pending for hearing. He also pointed out that the Authority has no power to review its own decision taken earlier and requested for early hearings in his matters. He listed out the following matters which are pending before the Authority;

1. Mr. Kashinath Shetye & ors. V/s Madan Sawant & ors.
2. Mr. Kashinath Shetye & ors. V/s Prasad Naik & ors.
3. Mr. Kashinath Shetye V/s M/s Nazri Beach Resort & ors.
4. Mr. Kashinath Shetye & ors. V/s M/s Ozran Heights & ors.
5. Mr. Kashinath Shetye V/s Deepak Chandrakant Naik & anr.
6. Mr. Kashinath Shetye & ors. V/s Mrs. Sheila Dhody in (Casa Vagator, Casa Colvale, Casa Britona, Casa Baga and Casa Anjuna)
3. Mr. Kashinath Shetye & ors. V/s M/s. Thalasa Resort.
4. Mr. Kashinath Shetye V/s U. V. Bar & Restaurant.

In case of the matter pertaining to the complaint filed against Shri. Madan Sawant and Shourya Hotel he pointed out that the Authority has decided to keep its order in abeyance for 2 months to decide the review applications filed by the respondents which expires on 31/12/2017.

The Authority decided to hold a personal hearing in both these matters on 23/01/2018 along with the Respondents and the complainant Shri. Kashinath Shetye. The Authority also decided to extend the decision to keep the Orders of demolition /restoration issued to Shri. Madan Sawant and M/s Shourya hotel in abeyance till the date of Personal Hearing on 23/01/2018. The date and time of personal hearing i.e. on 23/01/2018 at 3.30 pm onwards was intimated to Shri. Kashinath Shetye during the meeting for all the matters listed above. However on 23/01/2018 The personal hearing could not be conducted on 23/01/2018 as there was lack of quorum and the hearing was adjourned to 9th of February and both the parties who were present on 23/01/2018 have been intimated the same.

In view of the Above Authority may deliberate and decide.

Item No.3

Case No.3.1

Permission to accord permission for motor Cycle patrolling on the beaches.

Background:

GCZMA office is in receipt of a letter dated 15/11/2018 from Additional District Magistrate-I, South Goa, Margao Goa forwarding letter from Superintendent of Police South Goa requesting to accord permission for motor cycle patrolling on the beaches of South Goa.

In view of the Above Authority may deliberate and decide.

Case No.3.2

To discuss on permission for organising a mega Scientific event Nobel Prize Series -2018 with Nobel received from Director, Department of Science and Technology.

Background: This office is in receipt of an application from Department of Science & Technology dated 18/01/2018 seeking permission to organise a mega scientific event Nobel Prize Series -2018 with Nobel Exhibition from 1st February to 28th February 2018 in Goa. In view of the above it is decided to erect temporary Pandal and stage for exhibition at Darya

Sangam Kala Academy. The Government has approved to appoint Goa Tourism Development Corporation as the event Management Agency. The Department is also organising a dinner at the Captain of Ports Jetty where temporary structures are proposed for the said dinner

In view of the Above Authority may deliberate and decide.

Case No.3.3

To discuss and decide on the applications received for erection of Temporary seasonal structures such as Shacks /Huts/Tents / structures in CRZ area in the Private Properties.

The GCZMA is in receipt of proposals for erection of temporary seasonal structures such as Shacks / Huts / Tents during the year 2017-18 from various project proponents / Applicants in the private properties at various locations in the State of Goa. The para 8 (v) (3) of the CRZ Notification 2011 i.e. CRZ of Goa provides that purely temporary and seasonal structures customarily put up between the month of September to May is regulated activity. As such, such activities shall not disturb the natural vegetation / Sand dunes / turtle nesting area etc. Also considering Beach Carrying Capacity Report prepared by National Centre for Sustainable Coastal Management (NCSCM) in respect of the beaches of Goa pertaining to erection of Temporary Seasonal structures in the CRZ area . Site inspection was conducted by Expert Members of (GCZMA) and all the applications were discussed and deliberated in 157th, 160th, 161st, 162nd, 163rd and 167th GCZMA meetings respectively.

Sr. NO	Name of Taluka	Total No. of Applications
1	Pernem	19
2	Bardez	33
3	Mormugao	1
4	Quepem	1
5	Salcete	33
6	Canacona	166
Total		253

The Member Secretary pointed out to the Authority that various applications received by GCZMA seeking permissions/NOCs for erection of temporary seasonal structures such as Shacks / Huts / Tents during the year 2017-18. The site inspection reports of the Expert Members from GCZMA have observed that either the applicant was in process of erecting shacks / Huts / Tents or had already finished erecting the same. Hence in such cases the decision is required to be taken by this authority regarding such cases.

In view of the Above Authority may deliberate and decide

Sd/-

**(Member Secretary)
Goa Coastal Zone Management Authority**
