



**MINUTES OF THE 236th MEETING OF STATE EXPERT APPRAISAL COMMITTEE (SEAC), A.P.,
HELD ON - 18th & 19th December, 2023 AT VIJAYAWADA, A.P.**

Agenda Item: 235.19 & 236.27	M/s. DELOITTE TOUCHE TOHMATSU INDIA LLP Construction of Anti Erosion Embankment in Peda Mainavani Lanka Village, West Godavari District, Andhra Pradesh - Corrigendum Minutes -Reg.									
SIA/AP/INFR1/4 54068/20 23	<p>The proposed project is for Construction of anti-erosion embankment (for providing coastal protection measures) at Pedamainavanilanka village, Narsapur Mandal, West Godavari District, with project of Rs. 15.45 Crs.</p> <p>M/s. Deloitte Touche Tohmatsu India LLP has submitted proposal to the APCZMA for Construction of anti-erosion embankment and APCZMA vide Lr dated 25.09.2023 forwarded their recommendations for issue of No Objection to the proposal to MoEF&CC, GoI. The Member Secretary, MoEF&CC (CRZ), returned the proposal to APCZMA on 17.11.2023 through Parivesh Portal 2.0., with a request to forward the recommendations to the SEIAA, A.P for clearance as per OM dt: 26.04.2022 issued by the MoEF&CC, GoI, New Delhi. The APCZMA vide Lr dated 21.11.2023 communicated their recommendations for issue of No objection under the provisions of CRZ Notification, 2011 to the SEIAA, AP with a request to take further necessary action as instructed by the MoEF&CC. The project proponent has applied for TOR in the Parivesh Portal (Proposal No. 454068) as there is no provision to apply for CRZ clearance in the Parivesh Portal.</p> <p>The project of proponent and their consultant, M/s. Indo Consultants, have attended the meeting and presented their proposal. The SEAC Committee noted that:</p> <ol style="list-style-type: none"> It is proposed to control shore line erosion of Pedamainavanilanka village, by construction of semi soft structure of Geo synthetic tube embankment with gabion boxes for a length of 1000 m along the coast. M/s. Deloitte Touche Tohmatsu India LLP has taken up this project under CSR activity and the details are as follows: <ul style="list-style-type: none"> Length of the proposed embankment is 1000 m. Width of the embankment is 8 m. Total Area : 8000 m². The committee noted that IIT Madras, Ocean Engineering Department conducted studies on coastal stretch and it has been recommended by them to construct embankment of 1000 mts length with a width of 8meters to control erosion. The design for the structure has also been prepared by the IIT, Madras. The proposed embankment is 1000m long and the width of the embankment is 8 m at bed level and 5 m at the crest level 200 mm thick crushed stone pavement is proposed with 150 mm murrum on top of it to facilitate tourist movement along the shore line The crest elevation is at +3.5m CD. The project entirely falls under CRZ-III as per the report prepared by IRS Anna University and the coordinates of Anti-Erosion Wall (as per IRS, Chennai), are as follows: <table border="1" data-bbox="532 1565 1198 1674"> <thead> <tr> <th>Label</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>16° 20'10.9" N</td> <td>81° 38' 41.8" E</td> </tr> <tr> <td>B</td> <td>16° 20'7.0 " N</td> <td>81° 39' 15.3" E</td> </tr> </tbody> </table> The committee noted that the Prl. Secretary to Government, Water Resources Dept., has accorded permission to M/s. Deloitte to take up the proposed project for construction of anti-erosion embankment using Geo-tubes and gabion armours for 1 KM length near Pedamainavanilanka village, Narsapur Mandal, West Godavari District, A.P. with a cost of Rs. 15.45 Cr along with maintenance and Environmental Monitoring for 1-year Post construction from their CSR funds with condition that the Water Resource Department, Govt. of A. P. to take over the ownership of the project including its maintenance and Environmental Monitoring after completion of the 1-year period. The committee noted that the project proponent carried out base line studies for two monsoon periods, viz., the southwest monsoon (June to September) and the northeast monsoon (October to December). From the study it was reported that the Admiralty sailing directions describe the SW monsoon as bringing rough weather with the average wind strength with Beaufort force 4-5 (6-11 m/s) for 80% of time and temporarily increasing to force 6 (11- 14 m/s) or occasionally force 7 (14-17 m/s). The north east 	Label	Latitude	Longitude	A	16° 20'10.9" N	81° 38' 41.8" E	B	16° 20'7.0 " N	81° 39' 15.3" E
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monsoon is similar with the winds from the northeast. There are land and sea breezes that occur during the pre and post monsoon season reaching forces 4-5. In addition to the seasonal winds, there are strong winds associated with cyclones.

- h) The proponent will ensure that the village roads, bund, canals, water bodies etc are preserved during the construction process and ensure that the environment of the village and adjoining areas are resorted to the original condition post construction of the structure and ensure there is no hindrance or other disturbance to the local community during the construction activity.
- i) The committee directed the project proponent that no hard structures shall be constructed as per the Hon'ble NGT dated 11.04.2022 in O.A. No.04/2013 (SZ).
- j) The proponent informed that will ensure that the village roads, bund, canals, water bodies etc are preserved during the construction process and there is no hindrance or other disturbance to the local community during the construction activity.
- k) The committee directed the project proponent to strictly ensure that the construction will be of soft measures type as proposed in the plan.
- l) The committee noted that the major impacts on air, noise, water and soil environment are expected predominantly only during the construction phase. Hence committee directed the project proponent to prepare construction sequence report and plan to be prepared in order to minimize fugitive dust and disturbance to local people and their livelihoods.
- m) The MoEF&CC, GoI, vide OM dated 26.04.2022 provided following procedure to obtain clearance for erosion control measures projects/ clearance as per permissible activity as per CRZ Notification 2011:

S.No	Scenario as per the CZR notification, 2011	Clarence	Approving Authority	Procedure
5	Any project located in CRZ area that are specified under paragraph 4(i) of the CRZ notification [Except for item 4 (i) (d)] and not attracting the EIA notification, 2006.	Standalone CRZ	SEIAA	Application at CZMA by the PP ↓ Recommendation of CZMA ↓ Application in concerned the SEIAA ↓ Recommendation of SEAC for CRZ ↓ Clearance by SEIAA (CRZ)

- n) The project obtained recommendations of No objection under provisions of CRZ Notification, 2011 from APCZMA in its meeting held on 17.05.2023 stipulating specific and general conditions.

The Committee after examining the project proposals, presentations, CRZ notifications &OMs, Recommendations of APCZMA, MoEF&CC Notifications & OMs and detailed deliberations, **recommended the proposal for grant of CRZ Clearance** subject to the conditions imposed by APCZMA in addition to the following conditions:

1. The proponent shall comply with the proposals furnished in the Environmental management plan and EIA.
2. The project proponent shall comply with the Specific (Part A) and General conditions (Part B) mentioned in the recommendations APCZMA in their letter dated 21.11.2023. The conditions shall be strictly implemented and the implementation report shall be submitted to the MoEF&CC, GoI on regular basis.
3. The project proponent shall not construct hard structures as per the Hon'ble NGT dated

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11.04.2022 in O.A. No.04/2013 (SZ) and shall strictly ensure that constructions shall be of soft measures site as proposed in the plan.

4. The project proponent shall prepare proper constructions sequence report /plan in order to minimize fugitive dust and disturbance to the local people.
5. The project proponent shall carry out proper waste management and there shall be no pollution of coastal water and creeks due to construction of embankment.
6. The project Proponent shall be responsible for ensuring that the seawall is monitored and maintained post construction in collaboration with responsible organizations at the local level and the proof for the same to be submitted as part of the routine monitoring reports.
7. The land for building of the seawall shall be obtained following all statutory provisions with the approval from the District administration.
8. The project proponent shall engage a reputed monitoring agency to check the shoreline post construction of the seawall and ensure that it is acting as required and consider remedial measures if any changes are needed to protect other regions nearby as well.
9. The shore protection wall shall be audited for safety and approved by District administration in charge of Disaster Management / PWD to ensure that the structure is safe for people to pass by and use it at all times.
10. The project proponent shall ensure that the village roads, bund, canals, water bodies etc are preserved during the construction process.

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