



Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
Region VII



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DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE PROJECT DIRECTOR
RMC 1-BILATERAL -- UPMO

August 28, 2019

RECEIVED BY:

ECC Reference Code: **ECC-R07-1908-0021**

Dir. Virgilio C. Castillo

Project Director

Roads Management Cluster I (Bilateral) Unified Project Management Office

Department of Public Works and Highways (DPWH)

Bonifacio Drive Port Area, 652 Zone 068, Manila, 1018 Metro Manila

Dear Dir. Castillo:

This refers to your Environmental Compliance Certificate (ECC) application for the **4th Cebu-Mactan Bridge and Mandaue Coastal Road Construction Project** located in the Cities of Mandaue and Lapu-Lapu, Province of Cebu, Region VII.

After satisfying the requirements in the said application and upon recommendation of the Environmental Management Bureau (EMB), this Department has decided to grant an ECC to the above-mentioned project.

With the issuance of this ECC, you are expected to implement the measures presented in the submitted EIS document, intended to protect and mitigate the project's adverse impacts on community health, welfare and the environment. Environmental considerations shall be incorporated in all phases and aspects of the project.

This Certificate does not create any right, nor be used as an authorization to implement the project. Hence, you are hereby directed to secure all the necessary permits from other pertinent government agencies but not limited to as stated in Annex B, and submit the same to this Office for the issuance of notice of project implementation prior to any construction activities. Furthermore, this Office will be monitoring the project periodically to ensure compliance with stipulations cited in the attached ECC.

For further inquiries, please use the Document IS No. and/or Company ID indicated at the upper left portion of this document for faster tracking of your case.

Please be guided accordingly.

Very truly yours,

ENGR. WILLIAM P. CUÑADO
Regional Director

ECC-R07-1908-0021



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ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential Decree 1586)

ECC-R07-1908-0021

THIS IS TO CERTIFY THAT PROPONENT, **Department of Public Works and Highways**, represented by its Project Director, **Dir. Virgilio C. Castillo**, is granted this Environmental Compliance Certificate (ECC) for the **4th Cebu-Mactan Bridge and Mandaue Coastal Road Construction Project** located in the Cities of Mandaue and Lapu-Lapu, Province of Cebu, Region VII by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau Region VII.

SUBJECT ONLY to the conditions and restrictions set-out in this ECC and in attached document labeled as Annex A. Recommendations have been provided in Annex B as guidance to concerned government agencies and local government units for consideration in the decision making process.

PROJECT DESCRIPTION

The ECC covers the **4th Cebu-Mactan Bridge and Mandaue Coastal Road Construction** with a total length of Eight point Two (8.2) kilometers located in the Cities of Mandaue and Lapu-Lapu, Province of Cebu, Region VII Province of Cebu, Region VII with geographical coordinates 10°20'49.45"N 123°57'53.50"E and 10°19'24.08"N 123°56'40.23"E.

The project includes the development and operation of the following components:

	4th Cebu-Mactan Bridge	Mandaue Costal Road (approach viaduct and Mandaue Coastal Road Viaduct)
Total Road Length	3.3 km	4.9 km
Number of Lanes	4 lane	4-lane / 6-lane
Design Speed	60 km/h	80 km/h
Structural Type	Elevated viaduct (L=2,930m)	Elevated viaduct (L=4,751m)
No. of lanes	4	4
Right of Way	40-60 m	
Roadway Width	22.5-29.5 m	
Median Island	1.5 m	
Interchanges	2	

The project has an implementation period of Ten (10) years as indicated in the submitted EIS document.

This ECC is issued in compliance to the requirements of Presidential Decree No. 1586, in accordance to Department Administrative Order No. 2003-30. The Bureau, however, is not precluded from reevaluating, adding, removing, and correcting any deficiencies or errors that may be inconsistent with the Revised Procedural Manual of DAO 2003-30 after issuance of this ECC.





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Issued at EMB Region VII, Banilad, Mandaue City this SEP 18 2019 day of 9.

Recommending Approval:


ENGR. RANZELA. DIOKO

OIC Chief, Clearance & Permitting Division

Approved by:


ENGR. WILLIAM P. CUÑADO
Regional Director





ANNEX A

I. CONDITIONS

A. ENVIRONMENTAL IMPACT AND MANAGEMENT PLANS

1. The proponent should secure a **"Notice to Proceed"** prior to project implementation of which requires the proponent to submit all necessary permits from other pertinent government agencies but not limited to as stated in Annex B, such as the following: Proof of authority over the project area i.e. tenurial instrument (SLUP or FLAg), Dumping/Disposal Permit, DOLE permit, Locational Clearance and other LGU permits, Mangrove/Tree/Earthballing Permit, Philippine Coconut Permit (if there are affected coconut trees), CENRO Land Status Certification, and Environmental and Sanitation Permits, among others, is required. Hence, no implementation/construction shall be conducted for the said project without a Notice to Proceed from this Office;
2. The proponent should submit a monthly report with geotagged photos of the project site at the start of construction phase and updates of the project to see the progressive development/activities conducted and to be emailed in r7@emb.gov.ph throughout the construction phase of the project;
3. The proponent should conduct frequent detailed site investigation which includes detailed geotechnical study, erosion and dissolution of underlying limestone, and seismic risk analysis as part of maintenance activities; Implement the corresponding recommendations in the conducted Engineering Geological and Geo-hazard Assessment (EGGA)/Geotechnical Study;
4. The proponent should ensure that all commitments, appropriate mitigating/enhancement measures and monitoring requirements especially those contained in the Environmental Impact and Management Plans in the Environmental Impact Statement (EIS) document, its modifications and additional information as approved by the EMB during the EIA Report review shall be instituted and strictly implemented to minimize any adverse impact of the project to the environment throughout the project implementation; In addition, the proponent shall implement the recommendations in the traffic management plan;
5. Undertake a continuing Information, Education and Communication (IEC) program to explain to all stakeholders the final approved IMP and EMoP and the conditions of this ECC as well as an update of project status including any significant changes on the IMP and EMoP and over-all performance against this ECC. Implement a Comprehensive Social Development Program (SDP) and submit a separate report together with the **Compliance Monitoring Report (CMR)** to the EMB RO on a semi-annual basis;





6. **No cutting down of mangroves/trees during project implementation.** However, when clearing an area is unavoidable, a **Cutting/Earthballing Permit** must be secured for affected trees from DENR-CENRO concerned, or earth-balled and transferred elsewhere per CENRO recommendation without prejudice to the filing of criminal complaint in consonance to the Presidential Decree (PD) 705, Executive Order (EO) 23 and other existing forestry laws, rules and regulations. **Necessary documents such as clearance from the Secretary, balling permit etc., must be secured prior to the implementation of the project;** Any issues arising regarding mangroves will be referred to the DENR-CENRO Cebu City who has jurisdiction over the matter and shall be resolved by that Office;
7. Establishment of a reforestation program using endemic/indigenous species to mitigate greenhouse gas (GHG) emissions of the project in line with the DENR's thrust for GHG emissions reduction programs and National Greening Program. The proponent should produce, plant, maintain, and look after the **Ten Thousand (10,000)** seedlings in support to the Green Philippines Master Plan which will be utilized for tree planting activities. The proponent shall likewise submit an approved work and financial program (WFP) for the tree planting activities including maintenance and protection of trees planted after one (1) month from the receipt of the approved ECC as well as an affidavit of execution by the proponent for the tree planting activities. The timeline for tree planting will culminate in two (2) years. If tree planting activities will be conducted by the 3rd party organization, the proponent shall submit copy of MOA between the proponent and the 3rd party organization. As proof of compliance, geotagged pictures of the tree planting area and CENRO Certification should be secured and submitted to this Office accordingly;
8. The proponent should implement the traffic management plan all throughout the construction stage of the project in coordination with the respective traffic management offices of Cities of Mandaue and Lapu-Lapu. Construction activities i.e. movement of vehicles/trucks hauling construction materials to site should not impede the normal operation of the traffic flow in the affected areas;
9. The proponent should provide safe and sanitary facilities for all workers during the construction phase of the project; issues related to labor will be referred to the concerned authority and will be resolved by that agency;
10. The proponent should consider higher clearance of its bridge design to allow vessels to access and dock to establishments such as shipyards, oil depot/fuel terminals and other establishments with docking facilities to address right of way conflict (ROW) on fishery and its related industry;
11. Construction activities shall not hinder free access of fishermen to Mactan Channel. Complaints from fisherfolks shall be validated by the respective FARMCs of Mandaue and Lapu-Lapu Cities for imposition of appropriate penalties or violation of this condition;





accommodation, supplies and materials, communication, transportation and other activities pertaining to the submitted Impact Management Plan (IMP), Environmental Management and Monitoring Plans, and the ECC conditions;

II. RESTRICTIONS

The proponent is strictly subject to the following restriction:

24. Fabrication activities should not be undertaken within the project site since it is not included in the scope of the EIA study. A separate EIA should be conducted for the fabrication and batching plant activities for this project;
25. Source of aggregates and construction materials i.e. sand and gravel and filling materials should come from legitimate source and should be covered by ECC;
26. The proponent should provide pollution control device and monitor compliance of the contractor's activities all throughout the construction stage and ensure that all commitments, appropriate mitigating and enhancement measures should be instituted and strictly implemented to minimize any adverse impact of the project to the environment; Any violation arising from non-compliance of the contractor will be imposed to the proponent;
27. If the primary or Direct Impact Areas (Project Alignment/ROW) in Paknaan, Mandaue City falls within area classified as Timberland, a Special Land Use Permit which will eventually be converted into Forest Landuse Agreement (FLAG) should be secured from DENR 7 prior to project implementation;
28. If the final project alignment will pass an area classified as Timberland which accordingly titled in the name of some individuals in Paknaan, Mandaue City, the proponent should resolve this through close coordination with LGU -Mandaue City and DENR 7. Resolution by Legal means should be spearheaded by LGU - Mandaue City in coordination with different government agencies that have jurisdiction over the concern;
29. In case the project will involve reclamation component, the proponent should secure endorsement from Philippine Reclamation Authority (PRA) and apply for Area Clearance from DENR 7 prior to project implementation;
30. The proponent should not commercialize nor illicitly dispose any quarried material resulting from clearing and development of the project;
31. No other activities should be undertaken other than what was stipulated in the submitted EIS document. Should there be an expansion of the Project beyond the project description, construction of other structures beyond what stated in the EIS document; or any change in the activity, shall be made subject to a new Environmental Impact Assessment; and





32. In case of transfer of ownership of this project, these same conditions and restrictions shall apply and the transferee shall be required to notify the EMB Regional Office concerned within fifteen (15) days as regards to the transfer of ownership.

Pursuant to Section 9.0 of P.D. 1586, non-compliance with any of the provisions of this ECC shall be sufficient cause for its cancellation or suspension and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (PhP50,000.00) thereof.

