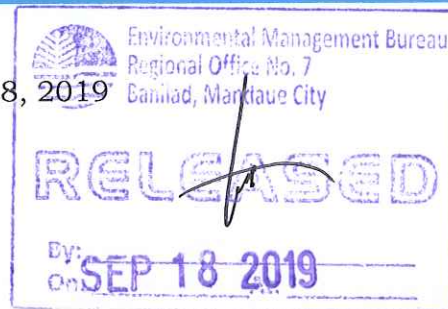




Document IS No.	20190010686
Company ID No.	EMB76-03702

August 28, 2019



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



R 0 7 1 9 0 8 0 0 2 1



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.





Issued at EMB Region VII, Banilad, Mandaue City this _____ day of

SEP 18 2019, 2019.

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;





12. The proponent should implement all commitments, mitigating measures and monitoring requirements, contained in the EIS document particularly in the Impact Management Plan (IMP) and/or Environmental Monitoring Plan (EMoP), including any modifications and/or additional information as approved by the EMB, shall be instituted to minimize any adverse impact of the project to the environment throughout its implementation; Failure to do so will automatically result to the imposition of penalty;
13. Establishment of carbon sink programs such as the use of biochar or its equivalent to mitigate greenhouse gas (GHG) emission of the project in line with the DENR's thrust for GHG emission reduction programs;
14. Conduct and implement restoration/clean-up activities after construction works are finished. As proof of compliance, pictures of activities shall be submitted to this Office accordingly as part of the Compliance Monitoring Report; Submit an Abandonment Plan to the EMB at least one (1) year prior to project completion/abandonment. The plan shall include rehabilitation measures/clean-up, remediation of areas affected by the project and proposed alternative projects in the area;

B. GENERAL CONDITIONS

Further administrative condition for the grant of this certificate shall be strictly complied:

15. The operations should conform with the following provisions:
 - a. RA 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990);
 - b. RA 8749 (Philippine Clean Air Act of 1999);
 - a. RA 9003 (Ecological Solid Waste Management Act of 2000);
 - b. RA 9275 (Philippine Clean Water Act of 2004); and
 - c. Other relevant policies, rules and regulations such as stated in Annex B;
16. The proponent should ensure that whatever was declared in the attached final Site Development Plan (SDP) will be followed and implemented. In case of change in engineering designs, the proponent should apply an amendment of the approved ECC based on the final and approved engineering designs prior to project's implementation;
17. The proponent should ensure proper storage, handling, and disposal of hazardous wastes such as used oil, oil-contaminated substances, used batteries, among others, pursuant to R.A. 6969 to avoid contamination of affected water body and surrounding environment. The proponent should submit to this Office copy of the signed MOA between the proponent and the third party TSD facility operator for the treatment of generated hazardous wastes materials;





18. Issues arising from informal settler families (ISF) affected by this project should be addressed by the project proponent prior to project implementation in coordination with the LGU and related housing authority agency;
19. The proponent should ensure that resettlement, compensation, assistance and rehabilitation of affected residents (PAFs) and establishments will be completed and effected prior to project implementation;
20. That a 2' x 4' billboard containing this message: **“Notice to the Public, This 4th Cebu-Mactan Bridge and Mandaue Coastal Road Construction Project of Department of Public Works and Highways with geographical coordinates 10°20'49.45”N 123°57'53.50”E and 10°19'24.08”N 123°56'40.23”E has been issued an Environmental Compliance Certificate (ECC Number) by the Environmental Management Bureau of the Department of Environment and Natural Resources, Region VII”**. The billboard must be installed at all entry and exit points of the project facing the road to inform the general public before project implementation. A copy of the certificate shall also be posted by the Proponent at the barangay bulletin board of the affected barangays within thirty (30) days upon receipt hereof. An accomplishment report which shall include picture verification of compliance to the posting of notices and the billboards shall be submitted to this Office within ninety (90) days from receipt of the ECC. The proponent should provide copies of this Approved ECC to the following government agencies, to wit: DENR7-PENRO, DENR7-CENRO, DENR 7, DOLE 7, Barangays, and LGUs concerned;
21. The proponent should allow entry of EMB-7 field personnel into the project site at all times to conduct tangible monitoring and to validate project's compliance to the ECC conditions stipulated therein;
22. Creation of an Environmental Unit (EU) within sixty (60) days from issuance of this Certificate that shall competently handle the environment-related aspects of the project. In addition to the monitoring requirements as specified in the Environmental Management Plan/Environmental Monitoring Plan, the EU shall have the following responsibilities:
 - a. Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the EIS;
 - b. Recommend revisions to the EMP/EMoP, whenever necessary subject to the approval of EMB RO;
 - c. Ensure that data gathered during monitoring activities are properly documented, assessed, evaluated and reported to EMB in accordance with the standard formats; and
 - d. Ensure that monitoring and submissions of reports to EMB are carried out as required;
23. A replenishable Environmental Monitoring Fund (EMF) and Environmental Guarantee Fund (EGF) shall be established to cover all costs such as meetings, training, sampling and analysis, hiring of technical experts, mails,





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.





PROJECT ASSESSMENT PLANNING TOOL

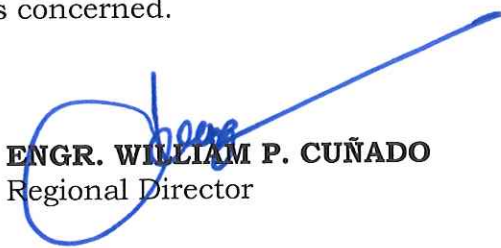
For the assistance of the Proponent and government agencies concerned in the management of the project and for better coordination in mitigating on the impact of the project on its surrounding areas and to the environment.

By way of recommendation, the following have been taken notice and are forwarding these recommendations to the parties and authorities concerned for proper appreciations and action, and into their decision-making process.

OTHER REGULATORY REQUIREMENTS/CONDITIONS	CONCERNED GOVERNMENT AGENCIES/ENTITIES
1. Compliance with the Sanitation Code of the Philippines;	DOH
2. Compliance with the Labor Code of the Philippines	DOLE – Bureau of working condition
3. Compliance with the Building Code of the Philippines and LGU Zoning Board	LGU Concerned
4. Compliance with the Ecological Solid Waste Management Act.	LGU Concerned
5. Secure earthballing permit (mangrove), tree cutting permit, or PCA Permit	DENR7–CENRO; Philippine Coconut Authority
6. Implementation for the Geological/Geohazard Assessment/Management of the Project Area.	DENR – MGB7
7. Implementation of land classification to minimize the significant impact on the conflict with project boundary pursuant to P.D. 705; Tenurial instrument;	DENR 7– LMS/CENRO/PENRO
8. Land status certification; Area clearance (in case there is a reclamation component);	DENR 7
9. Relocation concerns of affected families and informal settlers	LGU Concerned and National Housing Authority
ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPONENT	
10. Priority of employment shall be given to qualified local residents. Adequate public information for jobs available to local residents in the affected areas shall be provided;	

For dissemination and proper action of the parties concerned.


ENGR. RANZEL A. DIOKO
 OIC Chief, Clearance & Permitting Division


ENGR. WILLIAM P. CUÑADO
 Regional Director





TO THE HONORABLE DIRECTOR:

This is to confirm my appearance and participation as the Project Director - Roads Management Cluster I (Bilateral) Unified Project Management Office Department of Public Works and Highways (DPWH) to the Office's hearing/conference held today **SEP 18 2013** @ _____ in connection with the issuance of the Environmental Compliance Certificate (ECC) of **4th Cebu-Mactan Bridge and Mandaue Coastal Road Construction Project** located in the Cities of Mandaue and Lapu-Lapu, Province of Cebu, Region VII.

I further confirm that I made the following commitments(s)/promise(s) to the Bureau/Department during the aforesaid hearing/conference in order to comply with the requirements of P.D 1586 (Philippine Environmental Impact System Act; RA 8749 (Philippine Clean Air Act); R.A 9275 (Philippine Clean Water Act); R.A. 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act); RA 9003 (Ecological Solid Waste Management Act).

This is to inform this Office that relative to the **above-mentioned project**, I commit to submit the following applications, to wit;

1. Hazardous Waste Generator ID pursuant to RA 6969; and
2. Solid Waste Management pursuant to RA 9003;

Said documents should be submitted before the project operation. Otherwise , the maximum penalty of Fifty Thousand pesos (50,000) for each ECC condition shall be imposed pursuant to Section 2.5 on Fines, Penalties, and Sanctions of DAO 2003-30 or otherwise known as the Implementing Rules and Regulations of PD NO. 1586,

Dir. Virgilio C. Castillo

Project Director

Roads Management Cluster I (Bilateral) Unified Project Management Office
Department of Public Works and Highways (DPWH)

By: BENJAMIN A. BAUTISTA
Project Manager III, RMC I (B)

ENGR. WILLIAM P. CUÑADO
Regional Director
Presiding Officer






SWORN STATEMENT OF OWNER


I, Dir. Virgilio C. Castillo, Project Director – Roads Management Cluster I (Bilateral) Unified Project Management Office, of the **Department of Public Works and Highways**, proponent of this **4th Cebu-Mactan Bridge and Mandaue Coastal Road Construction** Project located in the Cities of Mandaue and Lapu-Lapu, Province of Cebu, Region VII take full responsibility in complying with all conditions contained in this Environmental Compliance Certificate or ECC.

DIR. VIRGILIO C. CASTILLO
 Signature over Printed Name

By: 
BENJAMIN A. BAUTISTA
 Project Manager III, RMC I (B)

TIN No. 139-412-335

Subscribed and sworn to before me this SEP 18 2019 2019, the above-named affiant taking oath presenting Residence Certificate No. 30431031 issued on _____ at La Paz, Talac.


ATTY. ZYRAC M. OMAMBAC
 NOTARY PUBLIC
 Notarial Commission No. 12-18 until 12-31-19
 Rm 209, Cebu Hallmark Hotel, Cebu City
 Roll No. 66980
 IBP No. 57600277 / 01-03-19 / Cebu City
 PTR No. 234258 / 01-03-19 / Cebu Province
 MCLE Compliance No. VL0014401
 Valid until Sept 14, 2022

Signature of Notary Public

Doc. No. 377
 Page No. 76
 Book No. IV
 Series of 2019

