



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU
DENR Compound, Visayas Avenue, Diliman Quezon City 1116
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18 JUL 2018

ECC-CO-1707-0012

HON. MARIA CATALINA E. CABRAL

Undersecretary for Planning and PPP

DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS (DPWH)

Bonifacio Drive, Port Area

Manila

SUBJECT: **ENVIRONMENTAL COMPLIANCE CERTIFICATE**

Dear **Hon. Cabral**:

This refers to your application for Environmental Compliance Certificate (ECC) for the proposed **Cavite-Laguna Expressway (CALAX)-Cavite Section** that will traverse Municipalities of Kawit, Silang and Cities of Imus, General Trias and Dasmariñas, Province of Cavite.

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 the ECC, you are expected to fully implement the measures presented in the EIS intended to protect and mitigate the project's predicted 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, you may proceed with the implementation only after securing all the necessary and relevant permits from other pertinent Government Agencies. This Office shall be monitoring the project periodically to ensure strict compliance with the stipulations cited in the attached ECC.

Please be guided accordingly.

Very truly yours,

By the Authority of the Secretary:

ENGR. METODIO U. TURBELLA

Director

cc: EMB Regional Office IV-A
LGU – Kawit, Cavite
LGU – General Trias, Cavite
LGU- Silang, Cavite



DOLE
LGU-City of Imus, Cavite
LGU-Dasmariñas, Cavite

ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential Decree No. 1586)

ECC-CO-1707-0012

THIS IS TO CERTIFY THAT THE PROPONENT, **Department of Public Works and Highways**, as represented by its Undersecretary, **Hon. Maria Catalina E. Cabral**, is granted this Environmental Compliance Certificate (ECC), for its proposed **Cavite-Laguna Expressway (CALAX)- Cavite Section Project** that will traverse **Municipalities of Kawit, Silang and Cities of Imus, General Trias and Dasmariñas, Province of Cavite**, by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB), subject to the conditions and restrictions set out herein labeled as **Annexes A and B**.

PROJECT DESCRIPTION

This Certificate covers the construction and implementation of Cavite-Laguna Expressway- (Cavite Section) Project that will traverse Municipalities of Kawit, General Trias, Silang and Cities of Imus and Dasmariñas, Province of Cavite. The proposed expressway project is composed of the following subsections and structures:

- Four (4) lane tolled expressway from CAVITEX connection to Silang East Interchange with total length of 30.42 km
- Toll plazas
- Toll operating equipment and safety facilities
- Eight (8) grade-separated interchanges (IC) at the following locations: (i)Kawit, (ii)Open Canal, (iii)Governor’s Drive, (iv)Silang, (v)Silang East, (vi)Sta. Rosa-Tagaytay, (vii) Laguna Boulevard; and (viii)Technopark
- Viaduct, bridges, overpasses and underpasses

This Certificate is issued in accordance with the requirements of Presidential Decree No. 1586 and its Implementing Rules and Regulations. Non-compliance with any of the provisions of this Certificate shall be a sufficient cause for its cancellation and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (₱ 50,000.00) for every violation thereof without prejudice to imposition of fines and penalties under other environmental laws. The EMB, however, is not precluded from reevaluating and correcting any deficiency or error that may be found after issuance of this Certificate.

Issued at DENR, Quezon City, Philippines, this

JUL 18 2018

Recommending Approval:

Approved by the Authority of the Secretary:

ATTY. MICHAEL DRAKE P. MATIAS
Chief, EIAM Division

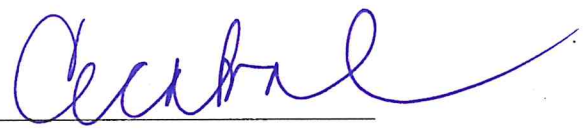
ENGR. METODIO H. TURBEILA
Director


ENVIRONMENTAL COMPLIANCE CERTIFICATE
Proposed Cavite-Laguna Expressway (CALAX) Project-Cavite Section
Department of Public Works and Highways (DPWH)
Province of Cavite



SWORN ACCOUNTABILITY STATEMENT

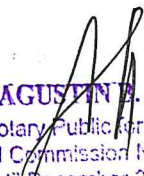
I, **Hon. Maria Catalina E. Cabral**, of the Department of Public Works and Highways (DPWH), proponent of this Proposed Cavite-Laguna Expressway (CALAX)-Cavite Section Project that will traverse Municipalities of Kawit, Silang and Cities of Imus, General Trias and Dasmariñas, Province of Cavite, take full responsibility in complying with all conditions set forth in this Environmental Compliance Certificate (ECC).



Signature 

TIN 132 - 999 - 027

Subscribed and sworn to before me on this **JUL 27 2018**, the above-named affiant taking oath and presenting his/her _____ issued on _____ at _____.


ATTY. AGUSTIN A. CABREDO
Notary Public for Manila
Notarial Commission No. 2013-109
Until December 31, 2018
Rm. 409, First United Bldg. Co.,
Ermita, Manila
Signature of Administering Office
PTR No. 000447/1-10-10/Manila
IEP License Member 00007
MCLE No. V 0003102 - 07-29-14

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I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

All commitments, mitigating measures and monitoring requirements, contained in the Environmental Impact Statement (EIS) for the proposed project, particularly in the Final Environmental Management Plan/ Environmental Monitoring Plan as approved by the EMB, shall be instituted to minimize any adverse impact of the project to the environment throughout its implementation, which shall include among others, to wit:

1. Conduct an effective Information, Education and Communication (IEC) Program to inform and educate all stakeholders about the mitigating measures embodied in its EIS, the conditions stipulated in this Certificate and the environmental and human safety features of the project for greater awareness, understanding and sustained acceptance of the project. The program shall be submitted to EMB Central Office and EMB Region IV-A on an annual basis;
2. Implement a comprehensive Social Development Program (SDP) and submit on a semi-annual basis a separate report together with the Compliance Monitoring Report (CMR) to the EMB Central Office, copy furnished EMB Region IV-A;
3. The proponent shall implement a reforestation and carbon sink program to mitigate greenhouse gas (GHG) emissions from the project activity in line with the DENR's National Greening Program for GHG emission reduction program. The program shall be formulated in coordination with EMB Regional IV-A, PENRO and CENRO, and to be submitted to EMB Central Office prior to the project implementation;

GENERAL CONDITIONS

4. The DPWH shall ensure that:
 - a. A Contractors All Risk Insurance (CARI) is provided to be supplemented by the Quick Response Fund (QRF) to cover the following specifically during the construction phase of the project:
 1. Compensation, indemnification for whatever damages to life and property that may be caused by the project; and
 2. Abandonment/decommissioning of the project facilities related to the presentation of possible negative impact.
 3. Expenses for further environmental assessments;
 - b. Multipartite Monitoring Teams (MMT) shall be formed composed of representative(s) from local environmental Non-Government Organization (NGO) concerned and other concerned government agencies shall be organized consistent with DAO 2017-15. The MMT shall primarily oversee and report to EMB Central Office full compliance of proponent with the EMP/EMoP, other commitments, as well as mitigation measures that are contained in the EIS documents and conditions herein enumerated;



- c. A replenishable Environmental Monitoring Fund (EMF) to cover all costs attendant to the operation and monitoring activities of the MMT including but not limited to capability building and training. Said provisions must be consistent with the DAO 2003-30;

The amount and mechanics of the EGF, EMF, and the establishment of the MMT shall be determined by EMB Central Office and the proponent in consultation with EMB Regional Office, through an integrated Memorandum of Agreement (MOA) which shall be submitted to the EMB Central Office for approval within ninety (90) days upon receipt hereof;

- d. An Environmental Unit (EU) to competently handle the environment related aspects of the project in addition to the monitoring requirements as specified in the Environmental Management Plan (EMP)/Environmental Monitoring Plan (EMoP). It shall:
1. Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the EIS;
 2. Ensure that monitoring and submissions of reports to EMB Region IV-A and EMB Central Office are carried out regularly; and
 3. Ensure that monitoring and reporting are carried out as required.
5. The proponent shall ensure that its contractors and sub-contractors strictly comply with the relevant conditions of this Certificate;
6. The proponent shall submit to EMB Central Office a Compensation Action Plan prior to project implementation. Moreover, the said plan should be implemented and status thereof reported to EMB semiannually;

II. RESTRICTIONS

7. No activities shall be undertaken other than what were stipulated in the final EIS. Should there be any expansion of the project beyond the project description or any change in the activity or transfer of location, or realignment, shall be subject to a new Environmental Impact Assessment; and
8. 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 Central Office within fifteen (15) days from the transfer of ownership to allow the necessary changes brought about by such transfer.

O.R. No. : 8081692
Date : 13 July 2017
Processing Fee : PhP 10,100.00




PROJECT ASSESSMENT PLANNING TOOL

For assistance of the Proponent and government agencies concerned in the management of the project, and for better coordination in mitigation of impacts of the project to its surrounding areas and to the environment.

By way of recommendations, the following have been noted by the Bureau and are forwarding these to the parties and authorities concerned for proper appreciation and action.

RECOMMENDATIONS TO GOVERNMENT AGENCIES CONCERNED	RESPONSIBLE AGENCY
1. Compliance with the occupational health and safety and Sanitation Code of the Philippines	DOH, Department of Labor and Employment (DOLE), Barangay and Municipal Health Offices
2. Compliance with the Labor Code of the Philippines	DOLE
3. Ensure conformance with the Ecological Solid Waste Management Act	LGU
4. Secure appropriate zoning clearance	LGU
5. Prior to cutting and/or clearing of trees & other woody vegetations within the project area, the proponent shall secure a Special/tree cutting and/or tree earth-balling permit supported with tree inventory report that shall originate from the DENR CENR Office (CENRO) who has jurisdiction over the project area, to be endorsed thru channel (i.e. from the concerned CENRO to the PENRO to the Regional Office) to the DENR Central Office.	DENR Central Office
ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPONENT	
6. The proponent shall consider the inclusion of walkable-bikeable lane in the project's Detailed Engineering Design.	
7. Priority of employment shall be given to qualified local residents. Adequate public information for jobs available to local residents in the affected areas needs to be provided.	
8. First aid facilities and services for staff and employees shall be made available on-site during construction and operation of the project.	


ATTY. MICHAEL DRAKE P. MATIAS
 Chief, EIAM Division


ENGR. METODIOS U. TURBEDLA
 Director