



Republic of the Philippines
Department of Environment and Natural Resources
ENVIRONMENTAL MANAGEMENT BUREAU

DENR Compound, Visayas Avenue, Diliman Quezon City 1116
Telephone Nos.: (632) 927-1517, 928-3725; Fax No.: (632) 920-2258
Website: <http://www.emb.gov.ph>

SEP 03 2019

ECC-CO-1801-0002

Mr. Joseph N. Pineda

Director

-and-

Mr. Lorenzo G. Formoso III

Director

SOUTH LUZON TOLLWAY CORPORATION (SLTC)

Km 44 SLEX, Sitio Latian, Brgy. Mapagong
Calamba City, Laguna

Dear **Mr. Pineda** and **Formoso III**:

This refers to your application for an Environmental Compliance Certificate (ECC) for your proposed **South Luzon Expressway (SLEX) Phase II Toll Road 4 (TR4) Project** traversing Calamba City, Alaminos, and San Pablo City, Laguna; Sto. Tomas, Batangas; and Tiaong, Candelaria, Sariaya and Tayabas City, Quezon.

After satisfying the requirements of Presidential Decree No. 1586 and its implementing rules and regulations and upon recommendation of the Environmental Impact Assessment Review Committee (EIARC), the Department through EMB, has decided to grant an ECC to the above-mentioned project superseding ECC-CO-1402-0002 issued on 11 July 2014.

With the issuance of the ECC, you are expected to fully implement the measures presented in the Environmental Impact Statement (EIS) intended to protect and mitigate the project's adverse impacts on community health, welfare and the environment. Likewise, environmental considerations shall be incorporated in all phases and aspects of the project.

This Certificate does not create any right nor shall it be used as an authorization to implement the project. You may proceed with the project 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



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES



SENRO56969

cc: DENR - BMB
DENR - FMB
DENR CALABARZON
EMB CALABARZON
DPWH CALABARZON
DOLE - BWC CALABARZON
DOH - CALABARZON

PGPCI
AP Renewables, Inc.
UPLB
LGU - Calamba City, Laguna
LGU - Alaminos, Laguna
LGU - San Pablo City, Laguna
LGU - Sto. Tomas, Batangas

LGU - Tiaong, Quezon
LGU - Candelaria, Quezon
LGU - Sariaya, Quezon
LGU - Tayabas, Quezon
LGU - Province of Laguna
LGU - Province of Batangas
LGU - Province of Quezon



ENVIRONMENTAL COMPLIANCE CERTIFICATE
 (Issued under Presidential Decree No. 1586)

ECC-CO-1801-0002

THIS IS TO CERTIFY THAT THE PROPONENT, **South Luzon Tollway Corporation (SLTC)**, as represented by its **Directors**, Mr. Joseph N. Pineda **and** Lorenzo G. Formoso III, is granted this Environmental Compliance Certificate (ECC), for its proposed **South Luzon Expressway (SLEX) Phase II Toll Road 4 (TR4) Project** traversing Calamba City, Alaminos, and San Pablo City, Laguna; Sto. Tomas, Batangas; and Tiaong, Candelaria, Sariaya and Tayabas City, Quezon.

SUBJECT ONLY to the conditions and restrictions set out herein labeled as Annexes A and B, this Certificate shall supersede the ECC-CO-1402-0002 issued on 11 July 2014.

PROJECT DESCRIPTION

This Certificate shall cover the realignment of sections TR4-A and TR4-E; and the existing alignments of sections TR4-B to TR4-D of the proposed SLEX Phase II TR4 project in which the final alignment is delineated in its EIS. The proposed route/alignment shall enclose an easement or road right-of-way limits of sixty (60) meters across and shall have a total length of 56.862 km.

The project shall have the following components:

- Twenty three (23) municipal and barangay overpasses
- Twenty seven (27) farm/ crossing/ utility underpasses
- Seven (7) interchanges
- Twenty two (22) bridges
- Six (6) toll plazas
- Drainage systems
- Lighting systems
- Landscaping
- Waste management and safety/ emergency facilities
- Power and water supply system

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 SEP 03 2019.

Recommending Approval:

Approved by the Authority of the Secretary:


ENGR. ESPERANZA A. SAJUL
 Chief, EIAMD Division


ENGR. METODIO U. TURBELLA
 Director



SWORN ACCOUNTABILITY STATEMENT

We, **Joseph N. Pineda** and **Lorenzo G. Formoso III**, Directors of South Luzon Tollway Corporation (SLTC), proponent of this South Luzon Expressway Phase II Toll Road 4 Project, traversing Calamba City, Alaminos, and San Pablo City, Laguna; Sto. Tomas, Batangas; and Tiaong, Candelaria, Sariaya and Tayabas, Quezon, take full responsibility in complying with all conditions set forth in this Environmental Compliance Certificate (ECC).



JOSEPH N. PINEDA

Signature



LORENZO G. FORMOSO III

Signature

TIN No.: _____

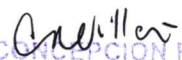
TIN No.: _____

Subscribed and sworn to before me on this ____ day of NOV 7 2019, the above-named affiants taking oath and presenting the following:

	ID/Registration No.	Place/Date of Issuance
Mr. Joseph N. Pineda	<u>P 7419331 A</u>	<u>DFA NCR SOUTH</u>
Mr. Lorenzo G. Formoso III	<u>P 0558644 B</u>	<u>DFA NCR EAST</u>

Signature of Administering Office

Doc. No. K8
Page No. 28
Book No. 8
Series of W4


ATTY. CONCEPCION P. VILLAREÑA
Notary Public for Quezon City
Until December 31, 2019
PTR No. 7323642 – 1-03-2019/ QC
IBP No. AR14460591 – 12-17-2018/ QC
Roll No. 30457 – 05-09-80
MCLE 5-0012536 – 21-2015
Adm. Matter No. NP 270 (2018-2019)



I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

All commitments, mitigating measures and monitoring requirements, contained in the Environmental Impact Statement (EIS) of the proposed **South Luzon Expressway Phase II Toll Road 4 Project**, particularly in the Environmental Management Plan/ Environmental Monitoring Plan, 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, which shall include among others, to wit:

1. Conduct an effective Information, Education and Communication (IEC) Program to inform and educate all stakeholders including its contractors, workers, and local residents, on the mitigating measures embodied in its EIS; the conditions stipulated in this Certificate and the environmental disaster risk reduction management measures and climate change related issues/concerns; human safety features for greater awareness, understanding and sustained acceptance of the project; and Traffic Management Plan to be implemented.

The program implementation report shall be submitted to EMB Central Office and EMB Regional Office No. IV-A on a semiannual basis;

2. Conduct regular dialogue, consultations, and Focus Group Discussions (FGDs) with the project's stakeholders in order to settle any conflicts and address identified valid concerns for a substantive and satisfactory public acceptance of the project. Likewise, submit process documentation of the said activities to EMB Central Office.
3. 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 Regional Office No. IV-A;
4. 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 emissions reduction program. The program shall be formulated in coordination with EMB Regional Office No. IV-A, concerned PENROs and CENROs and to be submitted to EMB Central Office prior to the project implementation;
5. Submit to EMB Central Office a Resettlement and Compensation Action Plan prior to project implementation. Moreover, the said plan should be implemented and status thereof reported to EMB semi-annually;
6. Submit to the EMB Central Office a Traffic Management Plan during construction to address impacts identified in the Traffic Impact Assessment Study within thirty (30) days prior to construction;
7. Ensure that any activities relevant to the proposed project shall not affect or disrupt the operations of Mak-Ban Geothermal Power Plant and Steam Fields. Therefore, the proponent shall maintain regular coordination with Philippine Geothermal Production Co. Inc. (PGPC) and AP Renewables Inc. (APRI) towards the formulation of the detailed engineering design, construction, and operation



of the project to ensure reliable, safe and simultaneous operation of the road project and the geothermal project;

8. Install sufficient slope protection walls prior to excavation works and necessary measures to prevent soil erosion and movement of earth materials to adjacent areas during construction phase of the project. Cut, stripped and cleared areas of the roadside alignment shall be stabilized either by vegetation or riprap as a slope protection measure;
9. Secure tree cutting permit from the DENR to cover the trees that will be affected by the road alignment prior to project implementation; and areas affected by the proposed re-alignment shall be within the road right of way or otherwise legally secured;

GENERAL CONDITIONS

10. The operations shall conform to the provisions of RA 6969 (Toxic Substances and Hazardous and Nuclear Wastes Control Act of 1990), RA 8749 (Philippine Clean Air Act of 1999), RA 9003 (Ecological Solid Waste Management Act of 2000), and RA 9275 (Philippine Clean Water Act of 2004) and other relevant policies, rules and regulations;
11. The proponent shall set up the following:
 - a. A readily available and replenishable Environmental Guarantee Fund (EGF) to cover the following:
 - i. Expenses for further environmental assessments;
 - ii. Compensation, indemnification for whatever damages to life and property that may be caused by the project; and
 - iii. Rehabilitation and/or restoration of areas affected by the project's implementation.
 - b. Multipartite Monitoring Teams (MMT) shall be formed consistent with DAO 2017-15 and DAO 2018-18. The MMT shall primarily monitor the proponent's compliance with the Environmental Management and Monitoring Plan other commitments and mitigation measures that are contained in the EIS documents and the ECC conditions;
 - c. A replenishable Environmental Monitoring Fund (EMF) to cover all costs attendant to the operation and monitoring activities of the MMTs including, but not limited to, capability building, training, actual sampling and laboratory analysis. Said provisions must be consistent with the DAO 2017-15 and DAO 2018-18

The amount and mechanics of the above-mentioned funds shall be determined by EMB and the proponent, in consultation with EMB Region IV-A, through an integrated Memorandum of Agreement (MOA), which shall be submitted to the EMB Central Office within one (1) year prior to project construction.

- 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). The EU shall:



- i. Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the EIS;
 - ii. Submit semi-annually all environmental reports to EMB Central Office and EMB Region IV-A; and
 - iii. Ensure that monitoring and reporting are carried out as required.
12. The proponent shall ensure that its contractors and sub-contractors strictly comply with the relevant conditions of this Certificate;

II. RESTRICTIONS

13. 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, the same shall be subject to a new Environmental Impact Assessment; and
14. 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.




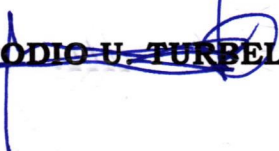
PROJECT ASSESSMENT PLANNING TOOL

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, the following have been noted by the Bureau and is forwarding these to the parties and authorities concerned for proper appreciation and action.

RECOMMENDATIONS TO GOVERNMENT AGENCIES CONCERNED	RESPONSIBLE AGENCY
1. Compliance with the following: <ul style="list-style-type: none"> • Sanitation Code of the Philippines • Labor Code of the Philippines including occupational health and safety standards • National Building Code of the Philippines • Revised Fire Code of the Philippines • Ecological Waste Management Act 	<ul style="list-style-type: none"> • Department of Health • DOLE - Bureau of Working Conditions • Local Government Unit (LGU)/ Bureau of Fire Protection • LGU • LGU
ENVIRONMENTAL PLANNING RECOMMENDATIONS FOR THE PROPONENT	
2. 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; and 3. An independent third party shall be commissioned to undertake an environmental audit and submit a report every three (3) years. The result of third party environmental audit, including auditing of risks and hazards of the Project, shall be submitted to EMB Central Office.	

For dissemination and proper action of the agencies concerned.


ENGR. ESPERANZA A. SAJUL
 Chief, EIAM Division


ENGR. METODIO U. TURBELLA
 Director

O.R. No. : 8082103
 Date : 10/04/2017
 Processing Fee : Php 10,100.00

