



Department of Environment and Natural Resources
Environmental Management Bureau
Regional Office No. IV – B MIMAROPA

ENVIRONMENTAL COMPLIANCE CERTIFICATE

(Issued under Presidential decree 1586)

ECC-R4B-1201-005

THIS IS TO CERTIFY THAT PROPONENT, **ORIENTAL MINDORO ELECTRIC COOPERATIVE, INC.** is granted this Environmental Compliance Certificate (ECC), for the **DULANGAN MINI HYDROELECTRIC POWER PLANT PROJECT**, located at **DULANGAN RIVER, BRGY. PAITAN, NAUJAN, ORIENTAL MINDORO** by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau, Region IV- MIMAROPA.

SUBJECT ONLY to the conditions and restrictions set-out in this ECC and in the attached document labeled as Annex A and B.

PROJECT DESCRIPTION

This ECC covers the Dulangan Mini Hydroelectric Power Plant Project, having a total area of **1,000.00 square meters**, classified as Mangyans Reservation Area, located at Dulangan River, Bgry. Paitan, Naujan, Oriental Mindoro.

The proposed project will have an installed capacity of 1.6 MW (4 x 400 KW) with a maximum plant discharge of 6.2 cubic meters per second and a minimum plant discharge of 2.2 cubic meters per second.

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 found to be inconsistent with the Revised Procedural Manual of DAO 2003-30 after issuance of this ECC.

Issued at **EMB-MIMAROPA** Region **Manila**, Philippines this
JAN 10 2012

Approved by:

E. Tolentino
EnP SIXTO E. TOLENTINO, JR.
Regional Director

Recommending Approval:

Benjamin A. Rioflorida
BJENA FE A. RIOFLORIDO
Chief, EIA Division

ECC-R4B-1201-005
Dulangan Mini Hydroelectric Power Plant Project

CC: The RED DENR Region IV-B
The PENRO – Oriental Mindoro
The CENRO – Socorro
The Mayor – Naujan

SWORN STATEMENT OF OWNER

ORIENTAL MINDORO ELECTRIC COOPERATIVE, INC., Proponent of the Dulangan Mini Hydroelectric Power Plant Project located at Dulangan River, Brgy. Paitan, Naujan, Oriental Mindoro takes full responsibility in complying with all conditions contained in this Environmental Compliance Certificate (ECC).

ROMEO N. CUASAY
Authorized Representative/Proponent

TIN _____

Subscribed and sworn to before me this _____ day of _____, 2012 the above-named affiant taking oath presenting Residence Certificate No. _____ issued on _____ 2012 at _____.

Signature of Notarizing Officer

ECC-R4B-1201-005
Dulangan Mini Hydroelectric Power Plant Project

6th Floor DENR by the Bay Bldg., 1515 Roxas Blvd., Ermita Manila
RD's Office 536-9786; Admin/Finance Division Telefax No. 400-5960
PC Division 521-8904, EIA Division Telefax No. 400-5960
E-mail Address: admin-emb-r4b@denr.gov.ph and emb_mimaropa@yahoo.com

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I. CONDITIONS

A. ENVIRONMENTAL MANAGEMENT & MONITORING PLAN (EMMoP)

1. The proponent shall ensure that all commitments, appropriate mitigating/enhancement measures and monitoring requirements especially those contained in the Impacts Mitigation Plan in the **EPRMP**, its modifications shall be instituted and strictly implemented throughout the project implementation;
2. An Environmental Officer (EO)/ Pollution Control Officer (PCO) must be appointed to handle environmental impact management related aspects of the project as specified in the Impact Management Plan (IMP) and the Environmental Monitoring Plan (EMoP). The EO/PCO shall:
 - 2.1 Monitor actual project impacts vis-a-vis the predicted impacts and management measures in the IEE;
 - 2.2 Submit quarterly Self-Monitoring Report (SMR) and semi-annually an ECC Compliance Monitoring Report (CMR) to EMB MIMAROPA Region, wherein each second or year end report shows the summary of cumulative performance of the Proponent against previous years' requirements and commitments.
3. The proponent shall set up the following:
 - a. A **Memorandum of Agreement (MOA)** shall be entered into by the proponent with the **ECC Holders Association** to become part of their MMT and in setting up the corresponding **Environmental Monitoring Fund (EMF)** prior to project implementation;
 - b. A replenishable Environmental Monitoring Fund (EMF) to cover all costs attendant to the operation of the MMT such as conduct meetings, training, sampling and analysis, hiring of technical experts, meals, accommodations, supplies and materials, communication, and transportation.

The amount and mechanics of the EMF, and the establishment of the MMT shall be determined by the EMB-MIMAROPA Region and the proponent in consultation with stakeholder-communities and other concerned agencies. This MOA shall be submitted to EMB-MIMAROPA within sixty (60) days upon receipt of this Certificate.
4. The proponent shall submit an Abandonment Plan to the EMB MIMAROPA Region at least one year prior to the project's abandonment. The plan shall include rehabilitation measures/clean-up, remediation of areas affected by the project and proposed alternative projects in the area.

GENERAL CONDITIONS

5. Permits/clearances from concerned agencies shall be secured and submit to this Office prior to project implementation.
6. Planting of appropriate tree species shall be implemented in compliance with the National Greening Program. To ensure its compliance, an information plan shall be submitted six (6) months after the project implementation highlighting the number and type of species planted, area covered among others.
7. The project operations shall conform to the applicable provisions of PD 1586 (Philippine Environmental Impact Statement System, DAO 2003-30), RA 6969 (Toxic Substances, Hazardous Waste 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);

N ym

8. Installation of a cistern to store and capture rainwater as additional measures in water resource management;
9. A billboard containing this message : " Notice to the Public, This project – Dulangan Mini Hydroelectric Power Plant Project of Oriental Mindoro Electric Cooperative, Inc. (ORMECO, Inc.) has been issued an Environmental Compliance Certificate (ECC-R4B-1201-005) by the Environmental Management Bureau of the Department of Environment and Natural Resources, Region IV-B, on (JAN 10 2012)." This message must be installed at all entry and exit points and at all perimeters of the project facing the road to inform the general public within thirty (30) days from receipt of the certificate. 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 from receipt of the certificate. 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 Certificate;

II. RESTRICTIONS

10. Non-compliance with any of the provisions of this ECC shall be a sufficient cause for its cancellation or suspension and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (**Php 50,000.00**) per condition thereof;
11. In case of transfer of ownership/management turn-over of this project, these same conditions and restrictions shall apply unless otherwise revised in writing. In such case, **ORMECO, Inc.** shall be required to notify the EMB – MIMAROPA Region within fifteen (15) days.

O. R. No. : 7087678
Date : 09 January 2012

Processing Fee : Php 3,000.00

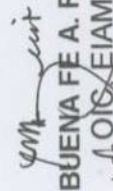
PROJECT ASSESSMENT PLANNING TOOL

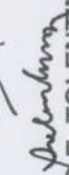
For the assistance of the Proponent, other concerned government agencies and LGUs in the management of the project and for better coordination in mitigation on the impact of the project on its surrounding areas and to the environment.

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

A. Recommendations to Concerned Government Agencies/LGUs	Concerned Permitting, Deciding, Monitoring Entities
1. That ORMECO, Inc. shall ensure that socio-economic concerns of various stakeholders are adequately addressed.	Naujan, Oriental Mindoro, LGU
2. That ORMECO, Inc. should implement segregation, collection, recycling and disposal mechanism for solid waste in accordance with RA 9003.	Naujan, Oriental Mindoro, LGU
3. That an occupational health and safety standards/regulation must be complied with by ORMECO, Inc..	Naujan, Oriental Mindoro, LGU
4. That an adequate storm drainage canal, concrete culverts and other flood control measures need to be provided to adequately receive and channel the run-off of silt laden rainwater to the nearby receiving body of water.	Naujan, Oriental Mindoro, LGU
5. That a structural design of component structures/facilities of the project shall conform with the design guidelines of National Building Code of the Philippines.	Naujan, Oriental Mindoro, LGU
B. Environmental Planning Recommendations for the Proponent	
1. ORMECO, Inc. shall undertake close monitoring in all stages of the project implementation to maintain a high level of environmental safety and performance efficiency and immediately address any environmental hazards.	

For dissemination and proper action of the parties concerned.


BUENA FE A. RIOFLORIDA
 OIC, EIAM Division


EnP SIXTO E. TOLENTINO, JR.
 Regional Director

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