



Date: 24 May 2022

ECC-R4B-2205-0011

Ms. HELENA I. ZAPATA

Vice President for Operations

BLUEMAX TRADELINK INC. (BTI)

Unit 202, 2nd Floor-IPMC Building, No. 64 Don Benito

Hernandez St., San Rafael District, Pasay 1302

Subject: **ENVIRONMENTAL COMPLIANCE CERTIFICATE**

Dear Ms. *Zapata*;

This refers to the Environmental Compliance Certificate (ECC) application for the Proposed **Lumintao River Dredging and Desilting Project** located at **Barangay Malawaan, Rizal** and **Barangay New Dagupan, Calintaan, Occidental Mindoro**.

After satisfying the requirements of the said application, this Bureau has decided to grant an ECC for the above-mentioned project.

With the issuance of this ECC, you are expected to 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. 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 necessary permits and/or clearances pursuant to **DENR Administrative Order (DAO) 2020-07: Rationalizing Dredging Activities in Heavily-Silted River Channels Pursuant to the DENR-DPWH-DILG-DOTR Joint Memorandum Circular No. 1 Series of 2019** and as required by other pertinent Government Agencies/Offices that have administrative jurisdiction over such projects/operations (i.e. **DENR, EMB, MGB, LGU, DPWH, etc.**). This Office shall be monitoring the project periodically to ensure strict compliance with the stipulations cited in the attached ECC.

Please be guided accordingly.


JOE AMIL M. SALINO
Regional Director

IIS no: R4B-2022-008749

Protect the environment... Protect life...





ENVIRONMENTAL COMPLIANCE CERTIFICATE
(Issued under Presidential Decree 1586)
ECC-R4B-2205-0011

THIS IS TO CERTIFY THAT THE PROPONENT, **BLUEMAX TRADELINK INC. (BTI)**, represented by its Vice President for Operations, **HELENA I. ZAPATA**, is granted this Environmental Compliance Certificate (ECC), for the proposed **LUMINTAO RIVER DREDGING AND DESILTING PROJECT** located at **Barangay Malawaan, Rizal and Barangay New Dagupan, Calintaan, Occidental Mindoro**, by the Department of Environment and Natural Resources (DENR), through the Environmental Management Bureau (EMB).

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

This Certificate is issued with the following details:

PROJECT DESCRIPTION					
This ECC covers the River Dredging and Desilting operation along Lumintao River, covering a total length of <i>Six (6) Kilometers-River Dredging Zone (RDZ)</i> ; all confined within the Pilot Channel dredging Area of <i>2,980,000.00</i> square meters (<i>298 hectares</i>); and an <i>Extraction Rate</i> of <i>18,000,000 Cubic Meters per annum</i> , located at Barangay Malawaan, Rizal and Barangay New Dagupan, Calintaan, Occidental Mindoro , specifically described as follows:					
CORNER	LATITUDE	LONGITUDE	CORNER	LATITUDE	LONGITUDE
Dredging Area					
1	12° 31' 23.772"	120° 56' 13.056"	26	12° 31' 31.512"	120° 57' 28.548"
2	12° 31' 16.248"	120° 56' 20.436"	27	12° 31' 37.884"	120° 57' 11.88"
3	12° 31' 18.696"	120° 56' 26.448"	28	12° 31' 32.412"	120° 57' 3.744"
4	12° 31' 21.252"	120° 56' 29.256"	29	12° 31' 22.836"	120° 56' 55.932"
5	12° 31' 21.612"	120° 56' 36.204"	30	12° 31' 18.552"	120° 56' 49.776"
6	12° 31' 19.956"	120° 56' 41.136"	31	12° 31' 16.608"	120° 56' 41.424"
7	12° 31' 20.136"	120° 56' 44.7"	32	12° 31' 10.272"	120° 56' 29.616"
8	12° 31' 12.756"	120° 56' 9.636"	33	12° 30' 56.7"	120° 56' 16.332"
9	12° 31' 15.024"	120° 56' 16.476"	34	12° 30' 56.484"	120° 56' 7.764"
10	12° 31' 17.004"	120° 56' 23.712"	35	12° 30' 53.316"	120° 55' 59.916"
11	12° 31' 26.436"	120° 56' 23.82"	36	12° 30' 30.096"	120° 55' 36.336"
12	12° 31' 34.068"	120° 56' 23.82"	37	12° 30' 23.616"	120° 55' 25.824"
13	12° 31' 39.648"	120° 56' 24.792"	38	12° 30' 32.94"	120° 55' 26.544"
14	12° 31' 46.992"	120° 56' 40.524"	39	12° 30' 42.876"	120° 55' 28.488"
15	12° 31' 51.00"	120° 56' 45.86"	40	12° 30' 51.17"	120° 55' 53.61"
16	12° 31' 52.56"	120° 56' 55.29"	41	12° 30' 57.09"	120° 55' 59.15"
17	12° 31' 52.15"	120° 57' 04.44"	42	12° 31' 01.88"	120° 56' 14.95"
18	12° 31' 49.22"	120° 57' 12.10"	43	12° 31' 05.57"	120° 56' 16.83"
19	12° 31' 47.44"	120° 57' 21.91"	44	12° 31' 09.34"	120° 56' 16.71"
20	12° 31' 46.48"	120° 57' 33.42"	45	12° 31' 11.18"	120° 56' 13.05"
21	12° 31' 45.26"	120° 57' 43.51"	46	12° 31' 09.45"	120° 55' 46.60"
22	12° 31' 45.32"	120° 57' 59.85"	47	12° 31' 12.82"	120° 55' 44.61"
23	12° 31' 23.30"	120° 58' 00.45"	48	12° 31' 07.72"	120° 55' 31.42"
24	12° 31' 23.58"	120° 57' 40.82"	49	12° 31' 07.13"	120° 55' 24.06"
25	12° 31' 27.26"	120° 57' 29.29"			



Project components/ facilities enumerated to wit:

Project Components	Details
Dredging Vessel	Trailing Suction Hopper Dredger (TSHD), Self-Discharge Barge, Bucket Chain Dredger, and Cutter Suction Dredger with Hopper Barge (minimum 3,000 HP) Hooper Capacity
Support Equipment (Land base equipment)	Backhoes, Dump Trucks, Wheel Loader, and Excavator
Common Auxiliaries	Staff Quarters/Barracks, Yard landfill and flatwork, Site Engineer Working Area, Administration Building, and workshop and warehouse.
Pollution Control Devices	Wastewater Treatment System (Process wastewater treatment system and Sanitary wastewater treatment system)

The project shall operate and maintain its submarine cable and support facilities as contained in the submitted **Environmental Impact Statement (EIS) and Environmental Management Plan (EMP)**.

This Certificate is issued in compliance with the requirements of Presidential Decree No. 1586, and in accordance to DENR Administrative Order (D.A.O.) No. 2003-30. Non-compliance with any of the provisions of this Certificate shall be a sufficient cause for the cancellation of this Certificate and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (P50, 000.00) for every violation thereof without prejudice to the imposition of fines and penalties under other environmental laws. The EMB, however, is not precluded from reevaluating and correcting any deficiencies or errors that may be found after the issuance of this Certificate.

This is to certify further, that in issuing this **CERTIFICATE**, it should be understood that the same is a **PLANNING TOOL** and **NOT A PERMIT**. It is expected that the proponent will diligently secure pertinent **PERMITS/CLEARANCES** from all concerned government agencies prior to the start/implementation of the project. Furthermore, the DENR/EMB will be monitoring the project periodically to ensure compliance with the stipulations cited in the attached conditions and restrictions which are made an integral part thereof.

This Certificate supersedes the following Environmental Compliance Certificates covering the Commercial Sand and Gravel Extraction Projects:

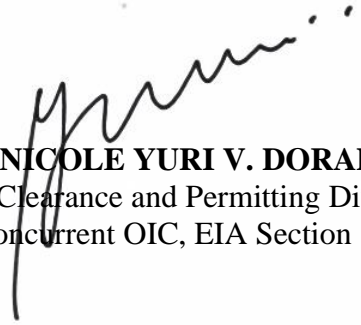
ECC Ref. No.	Date Issued
ECC-OL-R4B-2017-0140	October 27, 2017
ECC-OL-R4B-2017-0141	October 27, 2017
ECC-OL-R4B-2018-0138	October 27, 2017
ECC-OL-R4B-2018-0137	October 27, 2017
ECC-OL-R4B-2018-0175	November 24, 2018
ECC-OL-R4B-2018-0182	December 05, 2018
ECC-OL-R4B-2018-0183	December 05, 2018
ECC-OL-R4B-2018-0184	December 05, 2018
ECC-OL-R4B-2018-0186	December 06, 2018
ECC-OL-R4B-2018-0188	December 06, 2018



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

Issued at EMB-R4B, 1515 L and S DENR By the Bay Building, Roxas Boulevard, Ermita, Manila, this **24 May 2022.**

Recommending Approval:


EnP. NICOLE YURI V. DORADO
OIC, Clearance and Permitting Division
and concurrent OIC, EIA Section

Approved:


JOE AMIL M. SALINO
Regional Director



SWORN ACCOUNTABILITY STATEMENT

I, **HELENA I. ZAPATA**, Vice President for Operations of **BLUEMAX TRADELINK INC. (BTI)**, with an office address located at **Unit 202, 2nd Floor-IPMC Building, No. 64 Don Benito Hernandez St., San Rafael District, Pasay 1302**, takes full responsibility in complying with all conditions in this Environmental Compliance Certificate (ECC).

HELENA I. ZAPATA
Signature

TIN No. _____

Subscribed and sworn before me this _____, the above-named affiant taking oath presenting _____, issued on _____ at _____.

Notary Public

Doc. No. _____
Page No. _____
Book No. _____
Series of _____



Annex A

I. CONDITIONS

ENVIRONMENTAL MANAGEMENT

All commitments, mitigating measures and monitoring requirements, contained in the Environmental Impact Statement (EIS) for the proposed expansion of **LUMINTAO RIVER DREDGING AND DESILTING 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. That the proponent shall ensure that the project implementation shall **NOT COMMENCE** unless all required/clearances from the concerned government agencies are secured. EMB shall be advised when all the permits/clearances are secured and when will be the actual date of project implementation;
 - 1.1. The dredging implementation and operation shall be strictly in accordance with the approved **Dredging Master Plan (DMP)** and issued **Dredging Clearance** of the Department of Public Works and Highways (DPWH);
2. That the proponent shall conduct an effective Information, Education and Communication (IEC) Program to inform and educate all stakeholders, especially its contractors, workers, and local residents 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-4B (MIMAROPA Region) on an annual basis;
3. That the proponent shall implement a **Comprehensive Social Development Program (SDP)** and submit a separate report together with the Compliance Monitoring Report (CMR) to the EMB-4B (MIMAROPA Region) on a semi-annual basis;
4. That the proponent shall establish a reforestation and carbon sink 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 program shall be submitted to EMB-4B (MIMAROPA Region) six (6) months prior to the project implementation;
5. That preservation and easement retention of natural drainage/waterways shall be undertaken and should conform with the provisions of the DENR Administrative Order No. 97-05 (Procedures in the Retention of Areas within certain distances along the Banks of Rivers, Streams, and Shores of Seas, Lakes and Oceans for Environmental Protection). If disturbed, a replacement drainage system shall be constructed within two (2) months from the disturbance;



6. That the proponent shall strictly manage all external, traffic problems, excessive surface runoff, dust, soil erosion, accidental spillage and health hazards identified in the Environmental Impact Statement (EIS) and, in case of emergency episodes, appropriate response activities shall be immediately undertaken for the protection of the workers/ personnel, host and nearby communities and the receiving environment;
7. The proponent shall install an adequate and properly maintain effective ***Air Pollution Control Facility***, to ensure maximum efficiency at all times in order to conform to the prescribed DENR standards;
8. The proponent shall install an adequate and properly maintain effective ***Water Pollution Control Facility***, to ensure maximum efficiency at all times in order to conform to the prescribed DENR standards;
9. The proponent shall spearhead the establishment of station markers and proper delineation of exact boundaries of the dredging area;
10. **Sanitation measures and solid wastes management systems** which include good housekeeping practices shall be implemented throughout the project cycle;

GENERAL CONDITIONS

Further administrative conditions for the grant of this Certificate shall be strictly complied:

11. That the dredging activities shall be initially conducted at the delta of heavily – silted river channel for a period of six (6) months in accordance with Chapter 3 Section 4 of DAO 2020 – 12. The objective of the activity is to create navigational channels and provide depth for passage of dredging vessel/s to implement true flood control measures within RDZ.
12. The project 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;
13. That the proponent shall ensure the continuous operation of a competent Environmental Unit (EU) with a Pollution Control Officer. The PCO shall be duly accredited by this Office in accordance with DAO No. 02, series of 2014 (Revised Guidelines for Pollution Officer Accreditation). The Environmental Unit (EU) 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:
 - 13.1 Monitor actual project impacts vis-à-vis the predicted impacts and management measures in the Environmental Impact Statement (EIS) Report;
 - 13.2 Recommend revisions to the EMP/EMoP, whenever necessary subject to the approval of EMB-4B (MIMAROPA Region);
 - 13.3 Ensure that data gathered during monitoring activities are properly documented, assessed, evaluated and reported to EMB-4B (MIMAROPA Region) in accordance with the standard formats;



- 13.4 Ensure that monitoring and submissions of reports to EMB-4B (MIMAROPA Region) are carried out as required;
- 13.5 Regular submission of the following reports:
 - 13.5.1 A semi-annual ***ECC Compliance Monitoring Report*** within fifteen (15) days at the end of each semi-annual reporting period. The CMR must be provided with supporting documents and in accordance with the prescribed format stipulated in the Implementing Rules and Regulations of P.D. 1586;
 - 13.5.2 Submit a ***Quarterly Self-Monitoring Report*** within fifteen (15) days at the end of each quarter. The SMR must be in accordance with the prescribed format of the ***Self-Monitoring Report (SMR)*** pursuant to DAO 2003-27;
- 13.6 **Submit an Abandonment Plan at least two (2) months prior to the abandonment activities.** It shall include identification of “hot-spots” or areas of environmental concern, its rehabilitation, clean-up, remediation, and monitoring based on risk-based corrective action (RBCA). The project location, after clean-up and rehabilitation, may be used for other purposes, subject to consultation with relevant government agencies (LGU, DA, HLURB, etc.) and the DENR;
14. The proponent shall set up the following:
 - 14.2 A readily available and replenishable Environmental Guarantee Fund (EGF) to cover the following expenses:
 - 14.2.1 Further environmental assessment, compensation/indemnification for whatever damages to life and property that may cause by the project;
 - 14.2.2 Rehabilitation and/or restoration of areas affected by the project implementation; and
 - 14.2.3 Abandonment/decommission of the project facilities related to the prevention of possible negative impact and as a source of funds for contingency and clean-up activity.
 - 14.3 A Multi-Partite Monitoring Team (MMT) composed of the representative /(s) prescribed in the DENR Administrative Order 2017-15 shall be organized; it shall primarily oversee the compliance of the proponent with the Environmental Management and Monitoring Plan (EMMoP), as well as with the conditions of this ECC;
15. That the proponent shall allocate a sufficient budget for the implementation of the proposed mitigating/enhancement measures during the operation, maintenance, and abandonment phases of the project;
16. That health and sanitation practices shall be observed in all phases of the project. Safety & personal protection equipment/devices shall always be provided to all employees/workers within the premises of the project site to protect them from related occupational and health hazards and risks;



17. That a billboard containing this message: **“Notice to the Public, LUMINTAO RIVER DREDGING AND DESILTING PROJECT of BLUEMAX TRADELINK INC. (BTI) has been issued an Environmental Compliance Certificate (ECC-R4B-2205-0011) by the Department of Environment and Natural Resources – Environmental Management Bureau MIMAROPA Region on _____.”** shall be installed at all entry and exit points and in the perimeter of the project site facing the road to inform the general public within thirty (30) days from receipt of the ECC;
18. That a copy of the ECC shall be posted in a conspicuous location at the field office of the project site clearly visible to the public and shall be adequately framed or otherwise protected against damage and at the barangay bulletin board of the host barangay(s) within **thirty (30)** days from receipt of the ECC;
19. That the proponent shall provide “one entry” and “one exit” for its operation and shall install a Closed-Circuit Television (CCTV) connected to the server of the EMB Regional Office concerned;
20. That the proponent shall submit monthly drone shots of the activity area (Operation Phase); and
21. That any **authorized DENR MIMAROPA and/or EMB personnel** with proper identification card (ID) and travel/mission order, shall be allowed unconditional access to conduct an on-the-spot inspection and monitoring during project implementation without the need for prior notice to the proponent to oversee compliance to the ECC; a list and number of people or personnel to be deployed by the proponent during the aforesaid activity should be at the minimum or as needed only.

II. RESTRICTIONS

1. That no other activities should be undertaken other than what was stipulated in the Environmental Impact Statement (EIS) Should there be an expansion of the project beyond the project description, construction of other structures beyond those stated in the Environmental Impact Statement (EIS); or any change in the activity or location, shall be made subject to a new Environmental Impact Assessment (EIA) requirements;
2. That all recommendations cited in the submitted **DPWH-accepted/approved Dredging Master Plan (DMP)** and **Geotechnical Report** shall be undertaken at all phases of the project implementation;
3. That a limit of extraction shall **NOT** exceed to the slope/gradient identified in the **DPWH-accepted/approved Dredging Master Plan (DMP)** and strictly within the approved **Pilot Channel dredging Area/6-KM River Dredging Zone (298.00 Hectares)**. A monthly report of extraction shall be incorporated in the quarterly and semi-annual monitoring reports (SMR and CMR);
4. That the proponent shall maintain a uniform depth of extraction at any given time on the approved area based on the **DPWH-accepted/approved Dredging Master Plan (DMP)** and **Geotechnical Report**;
5. That a **Sediment Transport Modelling** shall be conducted, and the report shall be submitted to this Office and copy furnished the **Mines and Geosciences Bureau (MGB) –**



MIMAROPA within **ninety (90) days** upon receipt hereof;

6. That hauling trucks, and other similar heavy equipment, should be covered with canvass and removal of soil/mud from trucks' tires and equipment before leaving the project area shall be done regularly;
7. Spoils and unwanted materials shall be stockpiled in areas away from the flow of water and on stable slopes to avoid soil erosion and siltation and flooding on adjoining land areas/properties;
8. That the proponent shall ensure to undertake Riverbank stabilization measures for the protection of the riverbanks from erosions and provide necessary engineering intervention to support the vital infrastructures along the river;
9. That in case of transfer of ownership/management of this project, these same conditions and restrictions shall apply and the transferee shall be required to notify this Office concerned within fifteen (15) days as regards the transfer of ownership/management; and
10. That the proponent (**BLUEMAX TRADELINK INC. (BTI)**) shall be accountable for any misrepresentation and failure to state material information in the submitted documents.

The conditions stipulated in this Certificate shall be deemed final within fifteen (15) days from receipt hereof and all conditions and restrictions set forth above shall be complied with by the herein grantee. This ECC is deemed expired if not implemented within five (5) years from the date of issuance and the proponent shall have to apply for a new ECC if it intends to pursue the project.

Non-compliance with any of the provisions of this certificate shall be a sufficient cause for the cancellation or suspension of this certificate and/or imposition of a fine in an amount not to exceed Fifty Thousand Pesos (PhP50,000.00) for every violation thereof.



Annex B

PROJECT ASSESSMENT PLANNING TOOL

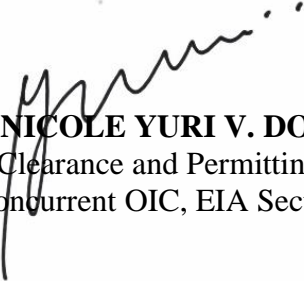
For the assistance of the Proponent, LGUs and other concerned government agencies (GAs) in the management of the project and for better coordination in mitigation on the impacts of the project on its surrounding areas and to the environment.

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

Regulatory Conditions	
1. The proponent shall comply with, but not limited to the following: 1.1 P.D. 856 or the Sanitation Code of the Philippines; 1.2 P.D. 442 or the Labor Code of the Philippines including occupational health and safety; 1.3 R.A. 6541 or the National Building Code of the Philippines including adequate storm drainage system and other flood control measures and compliance to the Fire Safety and Emergency Preparedness; 1.4 P.D. 705 & DAO 97-05;	DOH DOLE-Bureau of Working Conditions Municipal Planning & Dev't. Office/Building Official/BFP/LGU Concerned DENR Sector concerned
2. That all appropriate construction, operational and resource-use permits/clearances from other national and local government agencies concerned shall be secured pertaining to the implementation of the project. Likewise, the proponent shall notify this Office of the reckoning date of project operation.	(i.e. NTC, PMRB, PNP, LGUs, DPWH, DOH, NWRB, HLURB, MGB, DA, DAR, DOLE, DTI, etc.)
3. Preference of employment shall be given to qualified local residents. Adequate public information for jobs available to local residents in the area shall be provided;	DOLE
Environmental Planning Recommendations for the Proponent	
2. Close monitoring of the project should be undertaken by the proponent to maintain a high level of safety and efficiency at all phases of the project and to immediately address any environmental hazard that may take place.	Proponent

For dissemination and proper action of the parties concerned.


ENGR. JOSE REYNATO M. MORENTE
EIA Review Committee Chairperson


EnP. NICOLE YURI V. DORADO
OIC, Clearance and Permitting Division
and concurrent OIC, EIA Section


JOE AMIL M. SALINO
Regional Director