

**Republic of the Philippines
Philippine Ports Authority
PMO Negros Oriental/Siquijor**

TERMS OF REFERENCE

**MAINTENANCE DESLUDGING OF SEPTIC TANKS FOR THE
PORT OF LARENA AND PORT OF SIQUIJOR**

1. Rationale

Republic Act No. 9275, otherwise known as the "Philippine Clean Water Act of 2004", a comprehensive water quality management policy and program which aims to protect the country's water bodies from pollution.

RA 9275 shall require a Wastewater Discharge Permit (WWDP) for every Operating facilities that discharge regulated effluents. Pursuant to section 14, Article 2 of RA 9275 General Conditions that for Septic Tank without effluent pipe the permittee shall have its sludge hauled by any DENR-EMB accredited 3rd Party Treater/Hauler and submit a copy of valid contract including photos of the hauling truck showing its suction hose from the Septic Tank and a Certificate of Treatment.

2. Scope of Work

The work to be performed by the contractor/supplier shall include the following:

- a. Site mobilization including transport of equipment on site, transportation of personnel, and labor expenses;
- b. Conduct Siphoning, Hauling, Transport, Treatment and Disposal of the Septic Tank Sludge.
- c. Provide a Certificate of Treatment and Disposal for submission to DENR-EMB7 in relation to Discharge Permit Application, and photos of desludging as proof of actual rendition of the service each and after every septicage desludging activity and treatment.

3. Frequency of Desludging at each Port

Desludging, treatment, and disposal of Septage shall be performed **quarterly for each Port** with a minimum interval of three (3) months.

- a. Four (4) Trips for Port of Larena, 1 truck/trip every 3 months.
- b. Four (4) Trips for Port of Siquijor, 1 truck/trip every 3 months.

4. Septic Tank Description

a. PORT OF LARENA

Old Passenger Terminal Building

Estimated Capacity	13 cu.m.
Type of Waste	Domestic Wastewater
Dimensions	

Digestive Chamber	2.5 (L) x 2.5 (W) x 1.6 (H) water depth
Settling Chamber	2(L) x 2.5 (W) x 1.6 (H) water depth

Transit Shed Building

Estimated Capacity	10.9 cu.m.
Type of Waste	Domestic Wastewater
Dimensions	
Digestive Chamber	2.2 (L) x 2 (W) x 1.3 (H) water depth
Settling Chamber 1	1 (L) x 2 (W) x 1.3 (H) water depth
Settling Chamber 2	1 (L) x 2 (W) x 1.3 (H) water depth

New Passenger Terminal Building

Capacity	11.7 cu.m.
Type of Waste	Domestic Wastewater
Dimensions	
Digestive Chamber	2.5 (L) x 2 (W) x 1.3 (H) water depth
Settling Chamber 1	1 (L) x 2 (W) x 1.3 (H) water depth
Settling Chamber 2	1 (L) x 2 (W) x 1.3 (H) water depth

b. PORT OF SIKUIJOR

Passenger Terminal Building (Left Side)

Capacity	12 cu.m.
Type of Waste	Domestic Wastewater
Dimensions	
Digestive Chamber	3 (L) x 1.5 (W) x 1.6 (H) water depth
Settling Chamber 1	1 (L) x 1.5 (W) x 1.6 (H) water depth
Settling Chamber 2	1 (L) x 1.5 (W) x 1.6 (H) water depth

Passenger Terminal Building (Right Side)

Capacity	12 cu.m.
Type of Waste	Domestic Wastewater
Dimensions	
Digestive Chamber	3 (L) x 1.5 (W) x 1.6 (H) water depth
Settling Chamber 1	1 (L) x 1.5 (W) x 1.6 (H) water depth
Settling Chamber 2	1 (L) x 1.5 (W) x 1.6 (H) water depth

5. Contract Price and Terms

a. **Payment per Trip** for every desludging operation is granted upon contractor's presentation of a **Certificate of Treatment and Photos of Desludging** as specified in **Item 2.C**.

b. **Approved Budget of Contract (ABC) is Six Hundred Thirty Five Thousand Pesos (PHP 635, 000.00).**

6. Duration

This maintenance desludging is for one (1) year period.

7. Obligations and Responsibilities

7.1 Of the Service Provider

- a. Undertake all works and responsibilities as stated in the item No. 2 (Scope of Work);
- b. Coordinate with the Terminal Management Office (TMO) for the issuance of vehicle and personnel pass;
- c. Coordinate with the TMO Pollution Control Officer for the photo documentation for every hauling event (before and after photos including a photo of the hauling truck);
- d. To hold PPA, PMO-NO/S free and harmless from any and all costs, suits and liabilities arising from the performance of works stated herein.

7.2 Of the PPA, PMO NO/S

- a. Award the Purchase Order to the winning bidder;
- b. Pay the contractor/supplier, for every Desludging and Treatment Certificate, subject to government accounting rules and regulations;
- c. Issue Certificate of Completion to the Contractors / Supplier after performing all its obligations and responsibilities.

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