



TERMS OF REFERENCE FOR THE SUPPLY AND DELIVERY OF FRESHWATER FOR BASEPORT-ICPC, ILOILO FASTCRAFT TERMINAL, FORT SAN PEDRO AND PORT OF DUMANGAS FOR CY 2020

1. RATIONALE

This Terms of Reference (TOR) shall guide parties interested to participate in the public bidding for "**SUPPLY & DELIVERY OF FRESHWATER FOR BASEPORT-ICPC, ILOILO FASTCRAFT TERMINAL, FORT SAN PEDRO AND PORT OF DUMANGAS FOR CY 2020**". The procurement process shall be in accordance with the provision of RA 9184 with its implementing Rules and Regulations.

2. SCOPE OF UNDERTAKING/DESCRIPTION OF SERVICES

- 2.1 The services to be rendered by the winning bidder: Supply & Delivery of 15,990 tons Freshwater;
- 2.2 Equipment needed for the services: At least two (2) units Water Trucks for the delivery of freshwater;
- 2.3 Services Schedule.

2.3.1 Delivery schedule of volume per month is more or less 2,280 tons:

- Baseports (ICPC,FSP,IFT)- 2,040 tons
- Port of Dumangas - 240 tons

The fresh water shall be delivered directly to the respective water reservoir or in other tanks identified by the Authority at Baseport – ICPC, Iloilo Fastcraft Terminal, Fort San Pedro and Port of Dumangas, as warranted.

- 2.4 Effectivity of the contract shall start within 10 days upon issuance of the Notice to Proceed.

3. OBLIGATIONS AND RESPONSIBILITIES

3.1 The Service Contractor

- 3.1.1 Comply with the Department of Health, Environmental Health Service IRR of Chapter II (Water Supply) of the Code on Sanitation of the Philippines (PD#856).

Section 3: PRESCRIBED STANDARDS AND PROCEDURES

3.2 Water Treatment

Treatment is necessary so as to render water supply potable. The degree and Manner of treatment will depend on the quality of the raw water, however the bacteriological quality shall be used as the main criterion. No water supply shall be allowed to operate water system for public use unless necessary treatment has been provided.

3.4 Standard Construction and Operating Procedures

a. Ground Water Source

1. Well

1.1 The location of the well site shall conform with the following requirements:

- a.** No well site shall be located within a distance of less than 25 meter radius on flat areas from sewage treatment plant, sewage wet well, sewage pumping station, or a drainage ditch which contains industrial waste discharges or wastes from sewage treatment systems, sanitary landfill or land irrigated by sewage treatment plant effluent, sanitary sewers, septic tanks, cesspools, open-jointed drain field, animal feed lots or livestock in pastures, dump grounds, especially in limestone areas. Storm and sanitary sewers located within specified distances shall be so constructed as to prevent leakage.
- b.** The water well within 50 meters distance from a cemetery is prohibited.

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1.10 Pump site, rapid pump room location and pump installation:

- a.** All completed well units shall be preferably protected by fences, the gates provided with locks, or enclosed to prevent possible contamination or damage of facilities by trespassers.
- b.** The well site shall be properly graded to insure proper ground maintenance and to draw off surface water effectivity from the well. In all cases, provide a system that draws off water from the pump well, leakage from packed gravel, and floor drainage, by installing suitable drain pipes located at the edge of the concrete floor to prevent ponding around the well head. Drain shall not be directly connected to storm or sanitary sewers.

3.1.2 Submit result of quarterly laboratory testing of water source/s at the contractor's account;

3.1.3 Delivered fresh water shall be subjected to at least four (4) random water tests by a reputable testing laboratory selected by PPA, extraction and delivery of water samples shall be witnessed by the authorized PPA personnel at the supplier's account and submit the results of the test to the Authority.

The results of the water laboratory tests shall comply with the standards of the Department of Health as specified hereunder;

Parameter	Standard
Total Coliform Count	<1.1 MPN/100 ml sample
Thermotolerant (Fecal) Coliform	<1.1 MPN/100ml sample
Escherichia Coli Count	<1.1 MPN/100ml sample

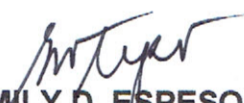
If the laboratory results representing the volume delivered do not comply with the above standards, no payment shall be made to the quantity delivered of.

- 3.1.4 Compliance with the provisions and other documentary requirements stipulated under R.A. 9184;
- 3.1.5 Compliance with other provisions stipulated and enumerated in the Contract as agreed upon by both parties;

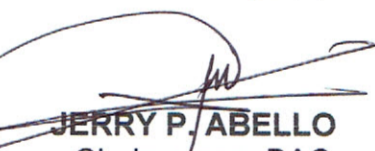
3.2 The Authority

- 3.2.1 Site visit of the water source by the BAC members/TWG if location conforms with the terms;
- 3.2.2 Evaluate and Award the Contract to the winning bidder in accordance with the provisions of RA 9184;
- 3.2.3 Identify, supervise and monitor the activities;
- 3.2.4 Pay the service contractor the amount due them as specified in the contract, upon presentation of the Statement of Account supported with Delivery Receipts, test results and subject to existing Government Accounting Rules and Regulations.

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