

Project Summary

Name of Project

Bunkering of Fuel by the "MV Lady in Red" within Guyana's Waters

Name of Company

K.B. Enterprise Inc.

Contact Details

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1. Project Description

The project involves the use of the MV Lady in Red to purchase fuel from locations within the Caribbean, the transport of this fuel into Guyana's waters, and the dispensing of this fuel to vessels within Guyana's waters.

2. Company Background

K.B. Enterprise Inc. (KBE) has been involved in significant business activities for over twenty-five (25) years. The company has been involved in the fishing industry for over fourteen (14) years, and owns a fishing fleet, comprising five Seabob-Finfish Trawlers. These trawlers supply Seabob, Prawns and Finfish to various processing establishments, with a combined annual product total in excess of 1,500 MT. As of the ending of 2017, K.B. Enterprise Inc. and affiliated entities had investments totaling US\$1.96 million in the local fisheries sector.

KBE currently produces over 950 MT of ice per month, which is used by KBE for its' activities, as well as sold to other operators in the fisheries sector.

KBE also owns three vessels that are designated for fuel transport activities, with a total capacity of (how much?). These vessels have a present market value of US\$2 million.

3. Outline of Operations

The "MV Lady in Red", registered under a Guyana flag as an Offshore Supply Vessel, was built in 2011 and has length of 26.45 meters. It is powered by a 735 HP, 21 X 3412 Caterpillar Diesel Engine, operated by a crew of five persons, and of 148 gross tonnage.

KBE proposes to purchase low sulfuric diesel fuel originating from trusted suppliers in Trinidad and Tobago, Suriname, Curacao, and Aruba, using the "MV Lady in Red" to receive and transport this fuel.

This fuel will then be transported to Guyana's waters, where it will be dispensed to customers directly from the "MV Lady in Red". The fuel will be loaded onto boats and trucks for wholesale and retail distribution to clients across various industries.

These operations will be conducted in accordance with the required Ship to Ship Transfer Plan and Garbage Management Plan.

4. Potential Environmental Impacts and Mitigation

KBE is cognizant of the need to minimize the impact of the proposed activities on the environment. Consequently, the following impacts and proposed mitigation measures are presented:

i. Spillage Considerations

There is a risk of spillage during transport of the diesel that is being transported, as well as during handling and transfer. KBE will conduct operations in accordance with internationally accepted spill prevention protocols and emergency response plans to minimize the risk of environmental contamination from spilled fuel. Ship to ship fuel transfer will be done in accordance with an approved Ship to Ship Transfer Plan.

Important aspects related to spillage considerations are:

- Lines, hoses and fittings will be regularly inspected for deterioration, damage and leaks, and repaired or replaced as required.
- Adequate quantities of absorbent sheets and pads will be stored onboard, for use in mopping up spills if required.
- In the event that these materials are used, then the used materials will be stored onboard in suitable receptacles, for proper disposal on shore.
- Any significant oil spill which occurs on board will be reported, using an approved format.

ii. Solid Waste Considerations

No process related solid waste or effluent will be generated. However, garbage will be generated by routine operational and personnel activities. The waste resulting from these activities will be managed in accordance with an approved Garbage Management Plan.

Important aspects of the Garbage Management Plan are:

- Provision of suitable receptacles for collection and separation
- Identification of locations of receptacles, collection and separation stations
- Transport from the source of generation to the collection and separation stations
- Considerations for cargo-associated waste
- Considerations for water-pollutant wastes
- Considerations for feed wastes
- Handling of garbage from collecting and separation places to the possible processing places and plants
- Considerations for the processing of garbage
- Considerations for the handling of garbage between the primary processing stations and the storing and disposal facilities
- Considerations for the shipboard storage of garbage or reusable or recyclable material
- Considerations for the disposal of garbage

iii. **Occupational Health and Safety Considerations**

The safety of personnel is of paramount importance to KBE. As such, the following will be implemented:

- Conducting of Risk Assessment and Management Activities
- Personnel Training and Education
- Use of the required Personal Protective Equipment
- Communication and Reporting
- Continuous Improvement based on lessons learnt.
- Compliance with the Occupational Safety and Health Act (1997)

iv. **Regulatory Compliance**

KBE will adhere to all relevant laws, regulations, and standards applicable to the proposed operation, including those contained in the Environmental Protection Act.

Important applicable regulatory aspects include:

- o Environmental Protection Act (1996)
- o Environmental Protection Authorisations Regulations (2000)
- o Petroleum and Petroleum Products Regulations (2014)
- o Resolution MEPC.186(59) was adopted at MEPC 59 and contains a new Chapter 8 to MARPOL Annex I on the prevention of pollution during the transfer of oil cargo between oil tankers at sea. Find below Regulation 40, 41 & 42 from the new Chapter 8 to MARPOL Annex I.