ATTACHMENT 1.0
PROJECT DESCRIPTION

E.C VIEIRA INVESTMENTS LTD.

HOUSTON, GEORGETOWN WAREHOUSE PROJECT

TABLE OF CONTENTS

LIST OF FIGURES

1.0. E.C VIEIRA INVESTMENTS LTD BACKGROUND

E.C Vieira Investments Limited is a 100% Guyanese company, which has ventured into the oil and gas industry in the initial stages. The company offers warehousing solutions to support the Oil and Gas Sector in Guyana. The warehousing line of business includes the loading, offloading and storage of bulk materials to support the prime contractors in the sector.

2.0. PROPOSED OPERATION

A part of the company's expansion to support the growing oil and gas industry, the company has established a warehouse facility at in Plantation Houston Georgetown, Guyana to store and handle bulk materials for the industry.

2.1. LOCATION

The warehouse is located at Block X being a portion of Tract H3 in the rear of Plantation Houston Georgetown, Guyana. This area is zoned as commercial / industrial by the Central Housing and Planning Authority (CH&PA).

The land surrounding the facility are zoned for commercial/industrial use. The property is situated on generally flat topography as common on the coastal region with predominantly clay soils. The facility was filled to a level that will mitigate the risk of flooding during rainy periods.

Figure 1 provides an overview of the property location and figures 2 and 3 shows the facility and its surroundings from an aerial view.

Figure 1:Map Showing the Project Site

Figure 2: Aerial Photo Showing Surrounding Land use

Figure 3: Aerial Image showing Surrounding Land use

2.2. FACILITY COMPONENTS

The warehouse building is situated on ten (10) acres of land. The building is a pre-engineered metal building with a 500 ft by 200 ft dimension. The building is constructed with a carbon steel main framing and cold formed steel light gage components and cladding. Some concrete masonry unit (CMU) block walls. The interior comprises of wood and metal studs with gypsum board walls. The building was designed to withstand a minimum of 90MPH Wind Lod in accordance with the international building code, 2015 edition.

The warehouse building consists of storage space, an office space, and restroom areas. The rest room area consists of toilet facilities, hand washing facilities, showers, storage, and locker rooms. The facility features 7 large doors for equipment and material access and 7 small doors for personnel access. See section 8.0 for the detailed plans.

The remainder of the space within the ten (10) acres property was prepared and surfaced with gravel (crush and run). This open area will be used for the storage of heavy equipment and for parking. Currently the entire facility is fenced and lighted. Access is gained via a bridge across the canal to the southern section of the property.

2.3. OPERATION

The facility was designed for the storage and handling of materials for the oil and gas industry. Specifically, the Warehouse will be used for the storage and handling of Cement, Barite, Calcium Chloride Powders, Bentonite, Baracarb (ground marble), Brines (Chlorides & Bromides), Loss Circulation Materials, Silica Flour, Fluid Loss Additives, General Tools, Equipment, and other Materials used in the Oil and Gas Industry. The Material Safety Data Sheets of these items are attached.

The processes on site will begin with the delivery of the materials via trucks. The materials will then be offloaded into their designated spaces or racks with the use of forklifts. Materials will then be transported from the facility to the client's facility or port as needed.

WAREHOUSE ACTIVITIES

Inbound Logistics and Receiving

The warehouse operations will begin with the coordination of inbound shipments. Once cargo is cleared by customs, a consolidated notification will be sent to the warehouse and inventory planning teams. This includes shipment details such as weight, dimensions, and chemical classifications. Based on available space, the warehouse team will assign delivery zones and coordinates physical receipt of goods. Upon arrival, materials will be inspected for physical condition, verified against shipping invoices, and checked for documentation such as QC certificates, lot numbers, and expiration dates. If discrepancies are found, corrective actions will be initiated and tracked until resolved.

Inventory Management and Storage

Materials will be stored in designated zones based on type, usage frequency, and safety requirements. This includes:

- Dry Products: Segregated into dedicated sections with restricted access.
- Liquid Products: Will be primarily stored in totes and drums, these will be placed on spill pallets or within containment zones to prevent environmental exposure. All containers will be clearly labelled and sealed when not in use. Storage areas will be equipped with secondary containment.
- General inventory: This will be managed using a structured layout to optimize space and facilitate quick retrieval.

All materials will be labelled, packaged, and stored in compliance with safety and traceability protocols. Inventory levels will be monitored continuously, and stock rotation is managed to ensure material integrity.

Packaging and Segregation Method

The company complies with UN package performance standards to ensure that from a safety and regulatory adherence to laws and regulations. Material compatibility, material specific gravity, vapour pressure, and flash point are key elements which feed into the decision on the kind of container selected and used for transport and storage as well as the fill weight of the material. All containers purchased will be stencilled or embossed by the container manufacture with the UN package performance standard.

The company follows the Global Harmonized System segregation considering product type. Below is the segregation matrix used.

Loadout and Dispatch

Loadout operations are initiated through formal requests from Product Service Lines (PSLs). These requests specify the materials, quantities, and destination rigs. Warehouse personnel prepare the materials, verify documentation, and stage them in designated loadout areas. Final checks are performed before dispatch to ensure accuracy and safety compliance. Loadouts are logged and tracked to maintain full visibility of material movement.

Transportation Services

The transportation services used to move the materials via trucks are:

- Source One Oil & Gas Supplies

- Continental Transport
- Halliburton Guyana (own fleet)

Product Locations

Locations from where the products will be migrated from to this facility are:

- Ithaca #1: Lot 757-758 Great Diamond Industrial Area
- Ithaca #2 & 3: Lot 34-94 Plantation Prospect, EBD
- Glass Warehouse: Lot 24-26 Industrial Site, Ruimveldt.

Access Control and Safety Protocols

Access to warehouse areas will be strictly controlled. Only authorized personnel will be permitted entry, and PSL staff will be supervised when accessing inventory. Unauthorized forklift operations will be prohibited, and physical barriers (e.g., chains or bollards) will be used to enforce access restrictions. Safety measures will include:

- Securing chemicals with plastic wrap to prevent spills or dropped-object hazards.
- Maintaining clean and organized storage areas to reduce housekeeping risks.
- Conducting regular inspections and enforcing compliance with HSE standards.

Personnel and Oversight

Warehouse operations will be managed by a dedicated team under the supervision of the Materials Manager. The team will be structured into shifts and task-specific groups to handle receiving, storage, and dispatch. Personnel are trained in safety protocols, inventory systems, and emergency response procedures. The warehouse lead will be accountable for operational performance, inventory accuracy, and regulatory compliance.

The Halliburton Personnel that can be contacted regarding this operation is:

Rodrigo Franceli
Supply Chain Manager Caribbean – Guyana, Suriname, Trinidad
1216-18 Block Eccles Industrial Zone
Providence, East Bank Demerara, Guyana
Email: rodrigoberaldo.franceli@halliburton.com
Mobile: +592 632 7360

3.0. ENVIRONMENTAL HEALTH AND SAFETY

3.1. HEALTH AND SAFETY

The facility was designed with Occupational Health and Safety as a priority and shall be operated with the same priority. In this regard, loading, off-loading, and packing will be done using safe procedures. All staff on the facility shall be trained on their specific scope of work and shall be attired in the appropriate Personal Protective Equipment (PPE). On this site, the mandatory PPE will be hard hat, safety boots, safety goggles and safety vest or coverall.

3.2. WASTE MANAGEMENT

Project wastes will be reduced, recycled, and reused where practicable, with the remainder being disposed of using a qualified and licenced waste transport company – Puran Brother's Disposal Service. These types of non-hazardous wastes include domestic waste, office wate, packaging waste and wood from damaged pallets. These materials will be disposed of by the contractor at the Haags Bosch Sanitary Landfill, the only engineered sanitary landfill in Guyana. Materials requiring treatment before disposal will be disposed of through a contracted waste treatment contractor.

E.C Vieira Investments Limited will also utilise a treatment facility to treat sewage waste before the water is discharged into the canal.

3.3. NOISE EMISSIONS

Noise emissions from the operation of this facility are expected to be generated from the following key sources with operating decibels listed:

- Forklift – 75 dBa at 1 metre
- Trucks – 70 – 75 dBa
- 350 Kva generator – 75-78 dBa at 7 metres

To ensure noise levels are kept to a minimum, the following mitigation measures will be adopted:

- All vehicles will be switched off when not in use.
- Earmuffs will be provided for workers who are exposed to loud noises.
- Generators will be enclosed in silencers
- Regular maintenance of vehicles and forklifts to ensure fan belts, mufflers, brakes, and engine mounts are in good condition to operate at low noise levels
- Periodic noise monitoring at the facility's boundaries.
- Drivers will be required to limit idling to reduce engine noise in loading zones or near residences.
- Operations will be scheduled to avoid noisy activities during night hours or in sensitive periods.
- Driver training will be done to encourage smooth driving, avoiding rapid acceleration or braking.

3.4. AIR EMISSIONS

Air emissions from the operation of this facility are expected to be generated from the following sources:

- Forklift
- Vehicles
- Back-up Generator

It is anticipated that the emissions that will be generated from the exhaust and particulate matter that will be disturbed from the movement of vehicles, will be insignificant and below the World Health Organisation

guideline limits. Mitigation measures will be put in place to ensure good air quality is maintained. These include:

- Air quality monitoring will be done bi-annually.
- Vehicles will be switched off when not in use.
- Generator will be used only when there is a power outage.
- Drivers will be required to required to reduce idling to prevent unnecessary emissions
- Hazardous materials will be stored in well ventilated, labeled cabinets
- Use low-VOC cleaners will be used
- Employees will be trained in the use of the spill kits to ensure proper clean up in the event of a spill.

3.5. WATER QUALITY

Rainwater will penetrate in the gravel area and into the facility's drains. Sewage waste waster will be treated using a treatment plant before discharge into the drainage system. Wastewater generated from this facility are anticipated from the following key sources:

- Rainwater run-off
- Treated Sewage

To ensure water quality is maintained especially in the event of a spill, the following mitigation measures will be taken:

- A concrete bunded area with 110% of the largest container volume area will be used for the storage of chemicals to contain any potential spill.
- All chemicals will be stored in appropriate, sealed containers (corrosion-resistant) to prevent spills.
- Use secondary containment systems (spill pallets, bunded areas) that can hold 110% of the largest container's volume.
- Incompatible chemicals will be segregated (e.g., acids and bases, oxidizers and organics) to prevent reactive spills as per the segregation method in section 2.3.
- All equipment will be monitored and maintained to prevent or detect leakages of fuel or oils.
- In the case of any leakages, drip pans and spill kits will be used to collect fluids until corrective actions are taken.
- A waste management provider will be used to clean up any spills occurring at the facility.
- Periodic water quality analysis will be done to ensure water quality is maintained.
- The sewage treatment facility will be maintained as per schedule to ensure it is operating efficiently.
- Employees will be trained on chemical handling, spill response, and water protection policies.
- A chemical inventory will be maintained and regularly updated.
- Logs of inspections, spill events, and maintenance activities will be kept.

4.0. PHOTOGRAPHS OF THE FACILITY

Figure 4: Warehouse Facility

Figure 5: Warehouse Side View

Figure 6: An Inside View of the Warehouse