

**COMPREHENSIVE ENVIRONMENTAL, SOCIAL,
SAFETY AND HEALTH REPORT**

FOR

**Proposed Road Bitumen Works, Paved Pedestrian Walkway
and Parking Lots in Ol'kalou Town, Nyandarua County.**

Visrom Company Ltd

Westpark Towers, Muthithi Road Westlands

P.O. Box 5546-00100 Nairobi

DECLARATION

I the occupier representing Visrom Company Limited, submit this environmental, social, safety and health comprehensive report for the Proposed Road Bitumen Works, Paved Pedestrian Walkway and Parking Lots in Ol'kalou Town, Nyandarua County as assessed and implemented during the project period.

Company Representation

Name of Company representative	Designation	Signature / Date / Official Stamp
Stephanie Ayugi	ESSH Coordinator	

PROPOSED ROAD BITUMEN WORKS, PAVED PEDESTRIAN WALKWAY AND PARKING LOTS IN OL'KALOU TOWN, NYANDARUA COUNTY.

1. Introduction

1.1 Project Overview

Proposed Road Bitumen Works, Paved Pedestrian Walkway and Parking Lots is located in Ol'kalou Town, Nyandarua County. The project aims at enhancing sustainable urban and infrastructural development, crucial to the quality of life of residents, improvement of social amenities and attraction of new investments boosting revenue collection in the county. These objectives will be achieved through construction of rural irrigation infrastructure and integrated with sustainable land management activities. The project works entails construction of bitumen roads, cabro-paved parking and driveways at market and improvement of pedestrian pathways.

1.2 Scope of work

The scope of works under this project comprises of the following;

- Excavation and earth works
- Bitumen and laying of AC
- Setting out and laying of kerbs and Cabro
- Concrete and steel fixing works
- Drainage works
- Installation of fittings

2. Environmental Occupational health and safety

This report has been prepared to give the Environmental, Health, Safety and Social performance of the project carried out towards construction of Road Bitumen Works, Paved Pedestrian Walkway and Parking Lots in Ol'kalou Town.

2.1 Policy and regulations

In line with different laws and regulations, project site is duly registered with DOSHS as per the requirement of section 44 of OSHA 2007, NEMA license, and the County council of Nyandarua permits.

Complying with the laws, regulations and other relevant provisions of the state, the workplace formulated and displayed policies i.e., an Environmental, Safety and Health policy and Work ethics Policy statement highlighting key issues in the workplace in addition to the assignment of responsibilities with regards to safety and health in the workplace.

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The policy outlines environmental, safety and health concepts to suppliers, project staff and general laborers encouraging them to comply with regulations and requirements. This EHS policy is documented, communicated to all employees and accessible to all.

2.2 Risk Assessment:

The construction site has been visited by a certified occupational safety and health officer from Nyandarua County. Risk assessment for the construction activities of the occupier was carried out to identify workplace health and safety hazards and risks to employees and community as required under section 6 (4) of the Occupational Safety and Health Act 2007.

2.3 Accident and incident investigations:

A general register and an internal system for recording workplace injuries is in place. A first aid box is provided within the Project site office and is regularly inspected to ensure the contents of the first aid kit are always known and replenishment if used up. In case of a minor accident, the casualty is attended to by a certified first aider, for dangerous occurrences a detailed procedure is in place with communication to the nearest hospital.

2.4 Personal protective equipment (PPEs):

All site construction and Supervisory employees were provided with appropriate Personal protective wear suitable for the relevant hazards/works and of size and fit. This, includes safety helmet, coverall, safety gloves, reflective vest and safety shoes. Inspection and strict measures were put in place to truck cases of theft or misuse of PPEs by workers.

2.5 Housekeeping/storage and handling of materials:

There is a well maintained and operational housekeeping. All site materials are stored in the site storage area and those that are handled manually are within the recommended weight limits. Delivery of material to the construction sites is done using trucks guided and precautions taken on a daily basis. All recyclable debris from the sites are donated to the local communities for their local use.

Adequate sanitary facilities were provided at the site office/storage areas in fulfillment of the requirements stipulated in section 52 (1) of OSHA 2007 in the offices. Site employees have access to the community sanitary facilities and are generally in good condition.

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2.6 Identification and separation of work areas:

Work areas were clearly identified and separated, with proper assessment of site prior to scheduled works conducted. Precautionary measures by use of warning tapes and barriers has ensured all working areas are noticeable from far. Backfilling of open trenches, excavated materials, and onsite machineries were stuck up properly to avoid collision and inconvenience of residents and vehicles.

2.7 Obstruction of traffic, premises, services and access areas:

Awareness and community outreach were conducted prior to commence of works with the help of community representatives, processes and mitigation measures were developed to address complains. Implementation of works were divided to ease the management of the project. Alternative opening and crossing points for pedestrians, were provided. Barriers and traffic diversion adequately provided/identified through use of relevant signage and controls.

2.8 Site Reinstatement:

During project period rehabilitation works were implemented in all project areas and landscapes disturbed by the works to original condition. The following restorative and rehabilitative measures were applicable;

- Reinstating residential access areas, fences, and drainage channels disrupted during works,
- Leveling and compaction of back filled areas to ensure that run-off water drains without eroding soil or stagnating in pools,
- Collection and appropriate disposal of debris generated during project,
- Planting of trees and reinstatement of vegetation along Estate road and market area,

3. Cumulative Statistics

3.1 Incidents, grievances and complains log status

	Description	Unit
1.	Fatality Case (Fatal).	0
2.	First Aid Case (FAC).	5
3.	Property Damage (PD).	1
4.	Near Miss (NM).	0
5.	Motor Vehicle Accident (MVA).	0
6.	Fire Incident (FI).	0
7.	Environmental Incident.	0

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3.2 Weekly Safety Tool Box Talks and Induction

Subject	Topic description
Health	Manual Lifting procedure <ul style="list-style-type: none"> Assess frequent physical efforts and posture Avoid excessive carrying distances/take shifts Avoid excessive pulling and pushing Allow for rest and recovery periods Supervisors to consider individual strength, knowledge of load and task.
Safety	<ul style="list-style-type: none"> General site safety awareness. Slip, trips and fall hazards. Road traffic safety Community interaction Near miss reporting
Environment	<ul style="list-style-type: none"> Dumping in the working areas Proper disposal of debris and reusable materials on site
Social	<ul style="list-style-type: none"> Interaction and engagement with the community in the work area. Safeguarding other underground services during excavation

3.3 Personal Protective Equipment (PPEs)

Below is average number of PPEs delivered on site:

Item	Quantity
Reflective jackets	60
Helmets	60
Rubber gloves	25
Gumboots	30
Overalls	5

3.4 Monthly labour on site analysis

Category	Gender	Total	Average hour per day	Average hourly Rate (Ksh)	Age Range (Years)
Management	M 1	2	8	N/A	35-40
Supervisors	M 2	9	8	N/A	25-40
	F 2				
Drivers	M 2	2	8	N/A	25-40
Masons	M 4	7	8	150	24-45
Unskilled labour	M 20	42	8	87	20-60
	F 25				
Security	M 2	2	14	63	27-35
TOTAL	M 30	52			
	F 12				

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Pictorials



Hand packing along Estate Road



laying of road kerbs



Hand packing at market area



Laying of A/C along Estate Road



Tree planting (walkway and market area)



Traffic Control along Estate Roads