

Environmental and Social Safeguards

1.0 Introduction

The section describes in detail the potential environmental and social impacts associated with the proposed sub project under construction **of staff house at Kansonga Police** and outline mitigation measures required to address the identified impacts.

Ntchisi district intends to construct a staff house at Kansonga police station in TA Malenga.

In respect to the interventions highlighted above, an assessment was undertaken to identify environmental and social issues that could arise from the sub project. The assessment was conducted on 7th February, 2022 by the district team led by the Environmental District Officer. A screening form was used to guide the assessment of the planned activities. The screening form was adapted from EIA guidelines of Malawi (1997). The assessment revealed that, the proposed project activities have the potential to cause some minor, short-term and localized environmental and social impacts. Therefore, Environmental district officer recommended that a site specific Environmental and Social Management Plan (ESMP) be prepared (as presented in Table 1 below

2.0 Environmental and Social Management Plan for Kansonga Police staff House

The ESMP outlines environmental and social impacts, mitigation measures to be undertaken, designates responsibilities, schedules of tasks and allocates costs for measures that may require financial support.

Table 1: ESMP for Kansonga Police staff House

Environmental Component/ Aspect	Expected Impacts	Mitigation/Enhancement Measures	Output Indicator	Target	Responsible persons	Time Frame	Estimated Cost (MK)
Trees/Vegetation	Loss of over 15 trees	Plant trees	Number of trees planted	150	Council	During construction	45,000
Land	Generation of solid waste	Construction of refuse pit	No of pits constructed	1	Contractor	Before commencement of rehabilitation work	
Land	Increased incidence of open defecation	Construction of pit latrine	No of pits constructed	2	Contractor	Before commencement of construction work	600,000
Soil	Creation of borrow pits arising from extracting materials from construction	Re-fill the borrow pits	No of pits refilled		Contractor	After construction of the warehouse	

Environmental Component/ Aspect	Expected Impacts	Mitigation/Enhancement Measures	Output Indicator	Target	Responsible persons	Time Frame	Estimated Cost (MK)
Land	Rubble or heaps of excavated soils	Used to refill the borrow pits	Number of pits filled with soil	All	Contractor	After construction	
Social set-up	Disruption of marriages	Conduct awareness campaigns	Number of awareness campaigns conducted	3	Contractor	Before and during the construction work	600,000
Social set up	Increased in risk of theft and crime	Strengthen community policing through sensitisation meetings and awareness	Number of sensitisation meetings conducted	1	ADC	Before commencement of construction work	
Water	Conflict over use of water (Borehole)	Sensitise both the communities and contractor about the project	Number of sensitisation meetings conducted	1	ADC	Before commencement of construction work	
Occupational Health and safety	Occupational safety and health risks such as accidents/injuries, nuisance from dust around the construction area for the warehouse						
		(i) Develop and implement an OHS Plan;	No of plans developed and implemented	1	Contractor	During construction	
	Risk of HIV/AIDS and other STI's	(ii) train workers in health and safety measures;	No of workers trained in OHS		Contractor	During construction	
		(iii) provide First Aid kit at the site office	No of First Aid kits	2	Contractor	During construction	

Environmental Component/ Aspect	Expected Impacts	Mitigation/Enhancement Measures	Output Indicator	Target	Responsible persons	Time Frame	Estimated Cost (MK)
		(iv) service equipment regularly to maintain it in safe condition.	No of vehicles maintained		Contractor	During construction	
		(v) Provide workers with the necessary PPE;	Percentage of workers using PPE	100%	Contractor	During construction	1,500,000
		(ii) Conduct sensitisation meetings targeting the surrounding communities and workers on HIV/AIDS, GBV	No of awareness meetings conducted	3	Contracto, EDO and DEHO	Before and during construction	600,000
Total budget for the ESMP							3,345,000