



**Government of Nepal
Ministry of Agriculture and Livestock Development
Nepal Livestock Sector Innovation Project (NLSIP)**

**Environmental and Social Screening Report
Construction of Livestock Service Center
Musikot Municipality-7, Gulmi**

November 2020

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1. Introduction

NLSIP is a flagship Project in Nepal's livestock sector where the Project's main objectives are to increase productivity, enhancing value addition, and improving climate resilience of smallholder farms and agro-enterprises in selected livestock value-chains in Nepal. Thus, NLSIP has proposed the construction of livestock service center in Musikot Municipality-7, Gulmi. The proposed site has a great potential of livestock rearing.

2. Objectives

Environmental and Social Screening of the proposed sub-project is undertaken in order to justify and suggest the level of environmental and social assessment to be carried out for the sub-project. Environmental Screening is carried out with reference to Schedule 1, 2 and 3 of Environmental Protection Rule (EPR 2020) and guidance provided by ESMF of NLSIP. The objectives of Environmental and Social Screenings are:

- To establish the level of environmental and social assessment required
- To help stakeholders of project make aware about the environmental and social settings of the project area
- To assist in decision making process

3. Methodology

The environmental and social screening checklist has been prepared after desk study, study of sub-project related documents, filing of different parameters and matters outlined in environmental and social screening checklist present in ESMF, consultation with NLSIP consultants and authority.

A walk over survey was conducted on 25th September 2020 for carrying out environmental and social screening of the proposed sub-project. Features at the location were documented, measured and recorded. The environment and social screening checklist was attached (Annex I).

4. Existing Environment

The sub-project area lies in Mid hill region with the latitude and longitude of the sub-project area is 28°10'36.87"N and 83°16'57.93"E. The climate of the subproject area is sub-tropical climate.

The land of proposed site belongs to Municipality with the area of 1,225 m² where a building with dimension of 256.86m² will be built. Along with the building, public toilet (13.25 m²), septic tank (10 m³), biological pit (16.51m³), soak pit (3.14 m³) and Sand pit (4.15 m²) will be made respectively.

Total population of Musikot Municipality is 32,802 in 7,075 HHs with average family size of 4.64. Male population is 43.32%. There are 3,567 people residing in ward number 7, where LSC has been proposed to build. HHs in the ward is 747 and male population is 44.10%. Dominant population is of indigenous group which contributes about 49.76% of total population. Dominant indigenous groups include Magar, Newar, Tamang in the ward while others include Brahmin/Chhetri, Thakuri, Musalman etc. Dalits are about 6.95% of total population. Kami, Damai and Sarki are dominant castes of Dalits.

The subproject site is clear. South and west boundary is covered with private sal trees. There is no need tree cutting for proposed subproject implementation. There are many rivers and streams in the Musikot Municipality. Badigad Khola (About 150 m west from sub-project site), Jhedi Khola (850 m south east) and Daram Khola (1.5 Km westwards) are the water body nearby the subproject area. There is no probability of flooding and water logging in the subproject area. The area is well facilitated with water supply, road access, municipal drain and electricity. Also, natural drainage is avail to manage the rain water and overland surface flow. Wamitaksar is very old local market center which is about 1 Km west from the proposed LSC.



Figure 1: Sub-project location in Google Image

5. Findings

1. The proposed site does not fall within any kind of protected area system, historical and cultural sites or any critical aquatic and terrestrial habitats area.
2. The proposed sub-project does not lie in environmentally sensitive or high risk zone.
3. The land belongs to Municipality, Government of Nepal and does not have any land dispute.
4. The available land for the proposed sub-project is 1,225 m² where the sub-project components consist of a main building covering an area of 256.86 m². The available land is enough for the required facilities of the livestock service center so no any land acquisition is required.
5. The land was free from encroachers/squatters and used solely for use of livestock service center.
6. The proposed sub-project does not impact to indigenous communities, women, marginalized and vulnerable groups.
7. The proposed sub-project does not displace anybody.
8. The area is facilitated with basic facilities like road, electricity, water supply and municipal drain.
9. No cases of relocation/rehabilitation of community infrastructure are needed.

6. Conclusion and Recommendations

The construction/operation of sub-project has no adverse environmental and social impacts and also does not attract any clauses of Environmental Act (2019) and Rule (2020) for further environmental assessment and study. However, some preventive measures through Site-specific Environmental and Social Management Plan (ESMP) will address nominal environmental and social impacts induced during construction and operation.

Thus, ESMP has been suggested for the proposed sub-project and further study is not required. Based on the findings of the Environmental and Social Screening, the sub-project is found to be environmentally and socially feasible for implementation.

Annex- I: Environmental and Social Screening Checklist

Government of Nepal
Ministry of Agriculture and Livestock Development
Nepal Livestock Sector Innovation Project (NLSIP)

Environment and Social Screening Checklist

Date: 25th September, 2020

1	Name of the Sub Project	Construction of Livestock Service Centre
2	Location	Musikot Municipality, ward no. 7, Gulmi district of Lumbini Province
3	Co-ordinate (GPS)	28°10'36.87"N; 83°16'57.93"E
4	Type of Sub-project	Service centre Construction
5	Proponent	Municipality
6	Implementation approach and institutions involved	NCB contract and NLSIP

Environmental and Social setting of the sub-project locality

S.N.	Questions	Response (Yes/No)	Remarks
A	Environmental Screening		
1	Does the proposed sub-project intend to use or depend on any resources of national parks and protected areas or any critical aquatic and terrestrial habitat area?	No	
2	Will the proposed sub-project be implemented in areas surrounding national parks or protected areas?	No	
3	Will the proposed sub-project be implemented in areas surrounding forest or wildlife areas other than national parks and protected areas?	No	
4	Will the proposed sub-project be implemented in the areas surrounding water bodies, lakes and	No	Badhighat Khola is at a distance of 200m west

	ponds and intend to use or depend on them for the implementation?		from the site.
5	Will the proposed sub-project be implemented in areas located in high risk zone such as landslide prone area, steep slopes, highly degraded land in hills, riverine area susceptible to annually flooding, or in areas causing large-scale soil erosion?	No	
6	Will the proposed sub-project involve land clearance on very steep slopes?	No	
7	Will the proposed sub-project involve logging?	No	
8	Will the proposed sub-project endanger indigenous plant species of ecological significance?	No	
9	Availability of drinking water	Yes	There is the provision Municipal water supply system.
B	Social Screening Checklists		
1	Does the sub-project require land acquisition?	No	
2	Has sub-project managed enough land for construction? If Yes, how? Specify	Yes	The land of proposed site belongs to Municipality with the area of 1,225 m ² where a building with dimension of 256.86m ² will be built.
3	Does the land acquisition cause displacement of households?	No	
4	Will the proposed sub-project be implemented in the areas surrounding heritage site/religious temple/religious site/grave yard?	No	
5	Will the sub-project involve activities that are likely to make irreversible adverse impact on indigenous communities, women and vulnerable	No	

	groups?		
6	Will the proposed sub-project include any activity that promotes or involves incidence of child labour?	No	
7	Will the proposed sub-project require some families losing their farmland and assets on the land?	No	
8	Will the proposed sub-project cause displacement of families due to implementation or construction of infrastructure?	No	
9	Will the proposed sub-project benefit ethnic groups living in the surrounding of the service centre?	Yes	The ethnic community will be benefitted by service provided by the service centre

Name of Surveyors


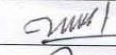
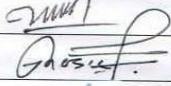
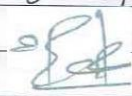


- Dhan Bahadur Shrestha (ESS)
- Er. Santosh Thapa

Annex I: Meeting Minute

DATE: _____

आज मिति २०७०।१२।३० गतेको दिन मुखिको २ नगरपालिका वतावरण तथा प्रकृतिको स्रोत संरक्षण परिषद्का अध्यक्ष श्री सोमनाथ राणोको अध्यक्षतामा तपशीलको उपस्थितिमा देहाय बमोजिमको निर्णय गरियो।

तपशील

अध्यक्ष -	श्री सोमनाथ राणोक	
सदस्य -	श्री उमला शर्मा	
सदस्य -	श्री नवराज शर्मा	
सदस्य -	श्री हरि प्रसाद इंगेल	
सदस्य -	श्री सव्या कुमारी शर्मा	
सदस्य -	श्री राम व. वेदोरा	
सदस्य -	श्री प्रकाश काफ्ले	
सदस्य -	श्री कोपिला घिमिरे	
सदस्य -		
सदस्य -		

प्रस्तावहरू -

१. पशु सेवा कार्यालयको अवसर त्रिभागे सम्वहना ।
२. सम्बन्ध तथा सहयोगको प्रतिवद्धता सम्वहना ।

निर्णय क्रं. १

प्रस्ताव क्रं. १ माथि इलफुल गार्ड मुखिको २ नगरपालिका अर्न्तगत वडा ७ को प्रस्तावित वडा कार्यालय अवसरको अवसरमा वन लागेको पशु सेवा कार्यालयको अवसर रहेको क्षेत्र वतावरीय हिसावले कुनै पनि छिरीको नबरात्मक असर नगरे साथै सोमनाथ राणोक लम्पतता क्षेत्रमा देवा पुग्दाको इको पशु सेवा कार्यालय अवसर त्रिभागे को लागि सिर्जित गर्ने निर्णय गरियो।

निर्णय नं. २

प्रस्ताव नं. २ मधील इलकल जर्दी मुखेली कार्यालया मा पशु सेवा कार्यलयचे अवन विभागे कार्ये लागि आवश्यक समन्वय तथा सहयोग जरी प्रविष्टताचे निर्णय करण्यात आला आहे।



आज मिति २०७७/ ६ महिना ०९ गते रोज ६ का दिन प्रदेस नंबर ५ अन्तर्गत गुल्मी जिल्ला मुसिकोट नगर पालिका वडा नंबर ७, वामीटक्सारमा नेपाल लाइभस्टक सेक्टर सपोर्ट आयोजना अन्तर्गत निर्माण हुन लागेको नेपाल लाइभस्टक सेक्टर इनोभेसन उप आयोजना सम्बन्धमा प्रमुख अतिथी श्री सोमनाथ सापकोटाज्युको अध्यक्षतामा निम्न सरोकारवालाहरु, व्यक्तिहरु र आयोजनाका पदाधिकारीहरु बीच मिटिंग बसी निम्न अनुसारको निर्णय भयो ।

उपस्थिती

क्र. स.	उपस्थित व्यक्तिको नाम, थर	पद	ठेगाना	हस्ताक्षर	कैफियत
१	सोमनाथ सापकोटा	नगर प्रमुख	मुसिकोट न.पा.		
२	नवराज भण्डारी	प्रमुख प्रशासकीय अधिकृत	मुसिकोट न.पा.		
३	प्रकाश काफ्ले	वडा अध्यक्ष	मु.न.पा. ७		
४	राजेन्द्र गौतम	इन्जिनियर	मु.न.पा		
५	महेन्द्रराज पन्थी	ना.प्रा.स.	मु.न.पा		
६	अग्निधर लोहनी	समाजसेवी	मु.न.पा. ७		
७	अशोक सापकोटा	समाजसेवी	मु.न.पा. ७		
८	गोविन्द कडेल	स.क.अ.	मु.न.पा. ७		
९	विष्णु सापकोटा	कृषक	मु.न.पा. ७		
१०	लेम बहादुर बोहोरा	समाजसेवी	मु.न.पा. ७		
११	भुवन के.सी.	समाजसेवी	मु.न.पा. ७		
१२	मिना सापकोटा	समाजसेवी	मु.न.पा. ७		
१३	यमभक्त खरेल	समाजसेवी	मु.न.पा. ७		
१४					
१५					

प्रस्ताव १

प्रस्ताव नं. १. जग्गाको उपलब्धता सम्बन्धमा ।

प्रस्ताव नं. २. सामाजिक तथा वातावरणीय प्रभाव सम्बन्धमा ।

प्रस्ताव नं. ३. प्रतिव्यक्ति सम्बन्धमा ।

निर्णय नं. १

प्रस्ताव नं. १ माघि हलफल गर्दा नेपाल लाईभस्टक
सेक्टर सपोर्ट आयोजना अर्न्तगत मुसिकोट नगरपालिका वडा
नं. ७ मा निर्माणा हुन लाग्ने पशुसेवा केन्द्रको लागि मु.नं.पा
वडा नं. ७ को नाममा रहेको जग्गा उपलब्ध गराउने भान
सर्वसहमतिमा यो निर्णय गरियो।

निर्णय नं. २

प्रस्ताव नं. २ माघि हलफल गर्दा प्रस्तावित पशुसेवा
केन्द्रको भवन निर्माण स्थल मुख्य बस्ती र सामुदायिक
संरचना छोट अलग रहेको भवन निर्माणको लागि भौगोलिक
रूपमा पनि उपयोगी देखिएको साथै खानपान, यातयात,
सञ्चार, विद्युत, विस्तारका हिसावले पनि सुगम रहेको र
भवन निर्माणले कुनैपनि किसिमको सामाजिक भवन र
वातावरणीय हिसावले समेत कुनैपनि किसिमको नकारात्मक
प्रभाव नपर्ने भएकाले भवन निर्माण गर्न उपयुक्त भएको
सर्वसहमतिमा यो निर्णय गरियो।

निर्णय नं. ३

प्रस्ताव नं. ३ माघि हलफल गर्दा यस मुसिकोट
नगरपालिका वडा नं. ७ वामिटेकसभामा निर्माण हुन लाग्ने
पशुसेवा केन्द्रको निर्माणमा समुदाय अतरवृष्ट आवश्यक
सहयोग र समन्वय गर्न सर्वसहमतिमा यो निर्णय
गरियो।





नेपाल सरकार
भूमि व्यवस्था, शहकारी तथा गरीबी निवारण मन्त्रालय
नापी विभाग
नापी कार्यालय मजुवाबजार, गुल्मी

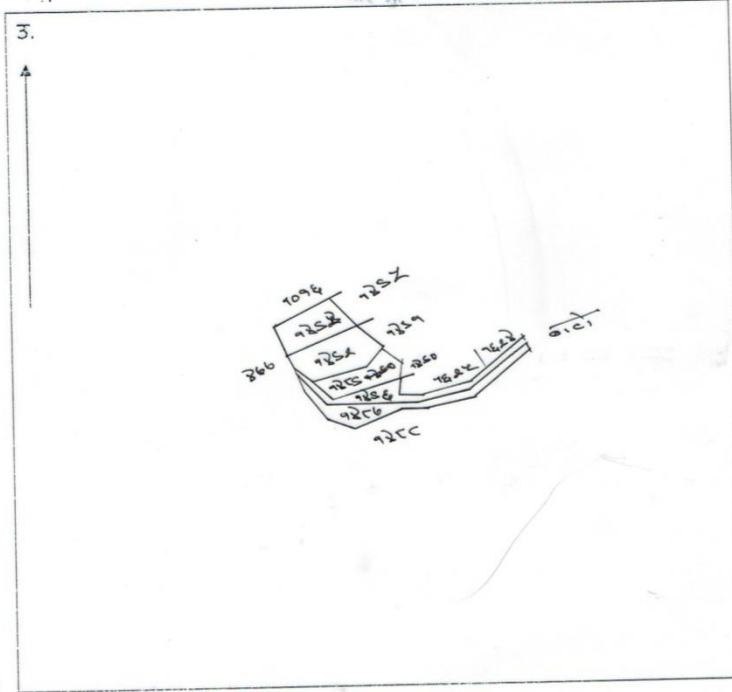
जिल्ला, गुल्मी

गा.वि.नं. १०१

वडा नं. :- १

नक्सा सिट नं. :- १५२-१०२४

मान नाप :- १:२५००



श्री प्रसिद्धा नगरपालिका को व.नं. ५३१ मिति २०७७/०१/१५ को पत्र
अनुसार र.नं. १५२ बाट लाग्ने राजस्वलिई कि.नं. १२५३, १२५४, १२५६, १२५७, १२५८, १२५९, १२६०, १२६१, १२६२, १२६३, १२६४, १२६५, १२६६, १२६७, १२६८, १२६९, १२७०, १२७१, १२७२, १२७३, १२७४, १२७५, १२७६, १२७७, १२७८, १२७९, १२८०, १२८१, १२८२, १२८३, १२८४, १२८५, १२८६, १२८७, १२८८, १२८९, १२९०, १२९१, १२९२, १२९३, १२९४, १२९५, १२९६, १२९७, १२९८, १२९९, १३०० को लागि मात्र
लागू गरिएको ।

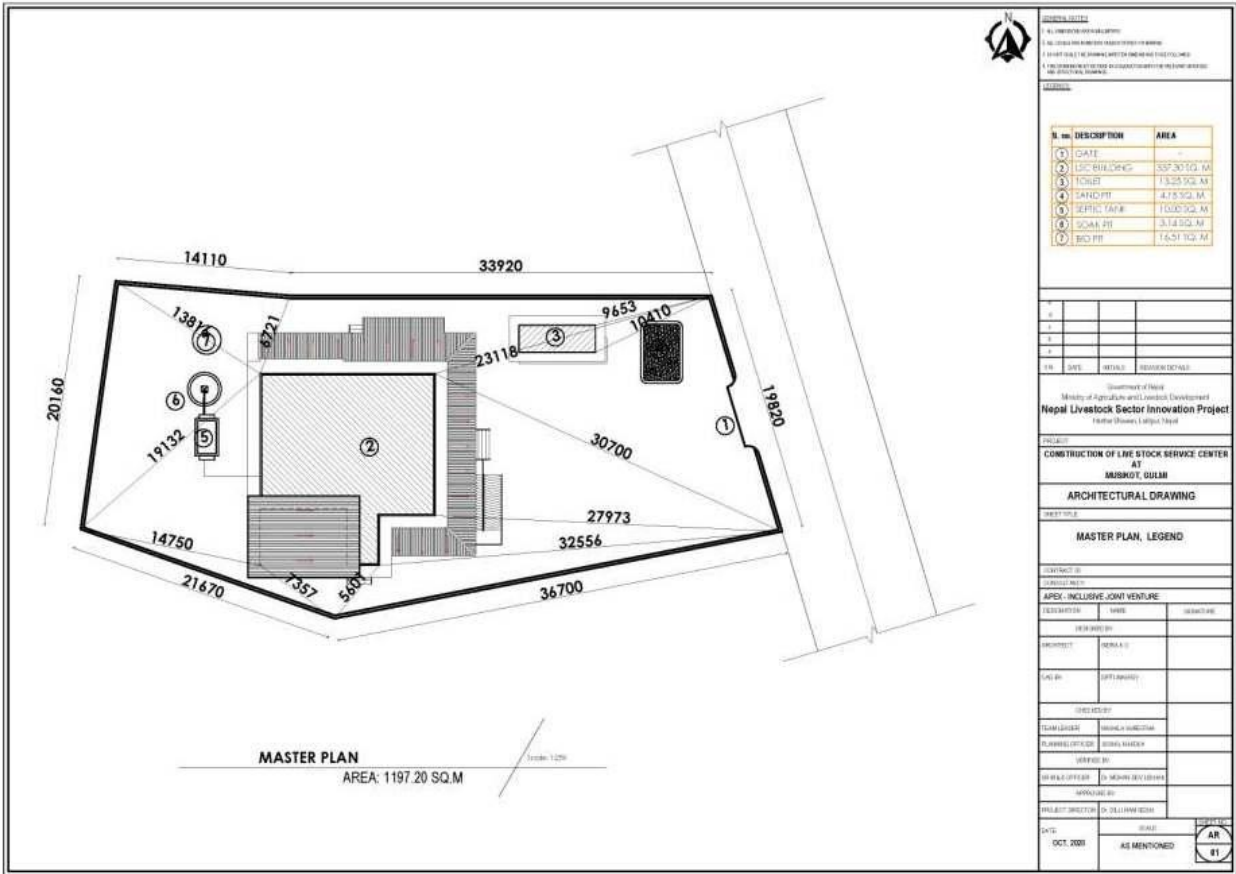
सुचिकृत
राज्य खसाल
१५/१५

देश गर्ने
राज्य
१५/१५

पंसाधित गर्ने

१५/१५
दिनेश बखुन्द
कार्यालय प्रमुख

Annex III: Sketch Plan



Annex IV: Clearance and Permit from Musikot Municipality



“कृषि, पर्यटन, पूर्वाधार र रोजगार समृद्ध मुसिकोट नगरपालिकाको आधार”

मुसिकोट नगरपालिका Musikot Municipality

नगरकार्यपालिकाको कार्यालय Office of the Municipal Executive

वामीटक्सार, वामीटक्सार, Gulmi

५ नं. प्रदेश, नेपाल ।

Province No-5, Nepal

च.नं./Ref. No. : ४८८

प.सं./Des. No. : २०७७/७८

मिति २०७७/०६/०४

विषय:- Drawing, Design स्वीकृती सम्बन्धमा ।

श्री नेपाल लाइभस्टक सेक्टर इनोभेसन आयोजना
हरिहरभवन, ललितपुर ।

प्रस्तुत विषयमा यस नगरपालिका वडा नं. ७ वामीटक्सारमा निर्माण हुन लागेको पुश सेवा केन्द्रको लागि तयार गरी पठाइएको Drawing, Design अनुसार नै भवन निर्माण गर्न स्वीकृती दिइएको छ साथै सो सम्बन्धी अन्य कागजातहरू यसै साथ संलग्न गरी पठाइएको व्यहोरा अनुरोध छ ।

सोमनाथ सापकोटा

नगर प्रमुख
सोमनाथ सापकोटा
प्रमुख

Annex VI: Photographs



Proposed site for Construction of LSC



Proposed site for Construction of LSC