

# 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** 

Binayi Tribeni Rural Municipality-1, Nawalparasi (BardaghatSusta East)

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 Binayi Tribeni Rural Municipality-1, Nawalparasi (BardaghatSusta East). 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, filling 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 30<sup>th</sup> 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 lies in Terai region with the latitude and longitude of the sub-project area is 27°34′49.70″N and 83°52′27.80″E. The climate of the subproject area is sub-tropical climate.

The proposed site falls in the buffer area of Chure Conservation Area under Nawalparasi (Bardaghat Susta East) district. The buffer area is within 1km of Chure conservation Area. It does not have buffer management committee and council as of national parks and other conservation areas. As per Standard 1, Sector 3 of Working Procedure and Standards for

Development Activities in Chure Region, 2076 BS, the proposed Livestock Service Center can be forwarded.

The available land is Aaileni i.e. Government Land but not registered to anybody's name and users right is with Municipality and has decided to provide for LSC building with the area of 1225 m<sup>2</sup> where a building with dimension of 356.86m<sup>2</sup> will be built. Along with the building, public toilet (13.25 m<sup>2</sup>), septic tank (10 m<sup>3</sup>), biological pit (16.51m<sup>3</sup>), soak pit (3.14 m<sup>3</sup>) and Sand pit (4.15 m<sup>2</sup>) will be made respectively.

Total population of Binayi Tribeni RM is 32,943 in 6,916 HHs with average family size of 4.76. Male population is 44.85%. There are 5,308 people residing in ward number 1, where LSC has been proposed to build. HHs in the ward is 1,123 and male population is 45.20%. Dominant population is of indigenous group which contributes about 58% of total population. Dominant indigenous groups include Magar, Tharu, Newar Kumal etc. while others include Brahmin/Chhetri, Thakuri, Musalman etc. Dalits are about 13% of total population. Kami and Damai are dominant casstes of Dalits.



Figure 1: Sub-project location in Google Image

The area lies in the zone of Lower Tropical Sal and Mixed Broad Leaved Forest. But there is no forest area in and around the proposed LSC site. There are some sal trees in subproject sites. But there is no need tree cutting for proposed subproject implementation. The proposed site is being open land at present. Binayi Community Forest (CF) is about 1 Km away. Major trees in the CF are Sal, Saaj, Botdhayanro etc.

There are many streams in the Binayi Tribeni Rural Municipality. The Binai Khola is just about 50 m east while Jyamire is about 250 m west. There are no chances of flooding although Binayi Khola is nearby the proposed subproject area. River training works has been done to protect bank cutting. The area is well facilitated with water supply, road access and electricity. Natural drainage is avail to manage the rain water and overland surface flow. Dumkibas, Daaunne, Tribeni and Jyamire are major market centers in the Rural Municipality. There are many small market centers in the rural municipality.

### 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 site falls in the buffer area of Chure Conservation Area under Nawalparasi (Bardaghat Susta East) district. As per Standard 1, Sector 3 of Working Procedure and Standards for Development Activities in Chure Region, 2076 BS, the proposed Livestock Service Center can be forwarded.
- 3. The available land is Aaileni i.e. Government Land but not registered to anybody's name and users right is with Municipality and does not have any land dispute.
- 4. The available land for the proposed sub-project is 1,225 m<sup>2</sup> where the sub-project components consist of a main building covering an area of 356.86 m<sup>2</sup>. 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 and water supply.
- 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. Although the proposed site falls in the buffer area of Chure Conservation Area under Nawalparasi (Bardaghat Susta East) district, the proposed Livestock Service Center can be forwarded as per Standard 1, Sector 3 of Working Procedure and Standards for Development Activities in Chure Region, 2076 BS. 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: 30<sup>th</sup> September, 2020

1	Name of the Sub Project	Construction of Livestock Service Centre
2	Location	Binayi Tribeni Rural Municipality, ward no. 1,
		Nawalparasi district of Gandaki Province
3	Co-ordinate (GPS)	27°34'49.70"N and 83°52'27.80"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?	Yes	The proposed site lies in the buffer area of Chure Conservation Area.
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 ponds and intend to use or depend on them for the implementation?	No		
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 No clearance on very steep slopes?			
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 Rural Municipal water supply system.	
В	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		The available land is Aaileni i.e. Government Land but not registered to anybody's name and users right is with Municipality and has decided to provide for LSC building with the area of 1225 m <sup>2</sup> where a building with dimension of 356.86m <sup>2</sup> 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 groups?	No	
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

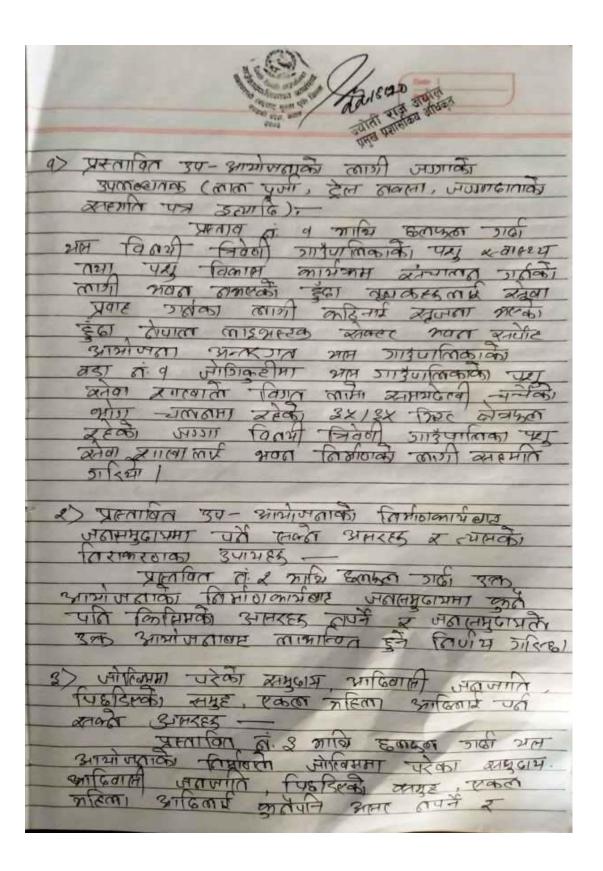
## Name of Surveyors

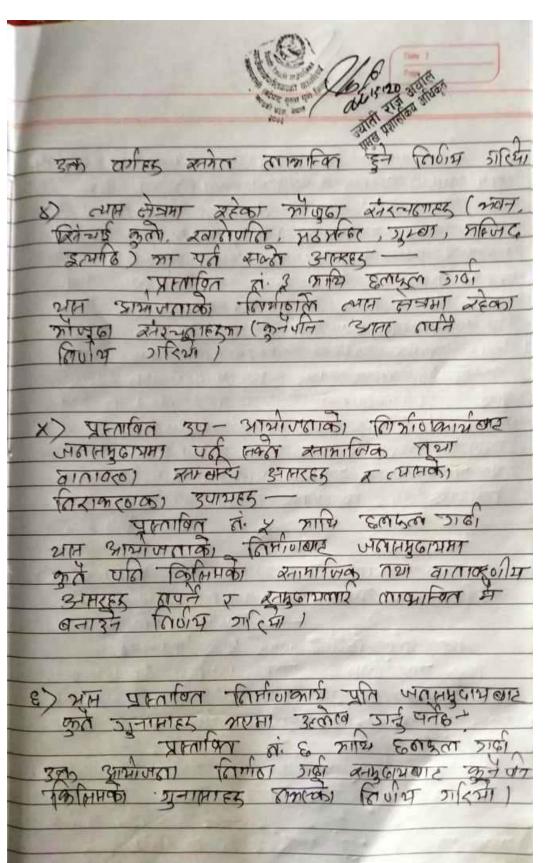
- Dhan Bahadur Shrestha (ESS)
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## Annex I: Meeting Minute

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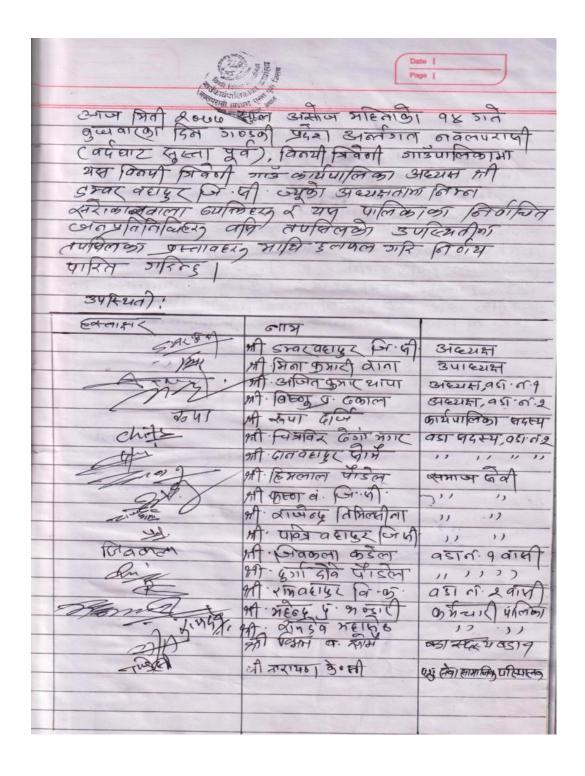
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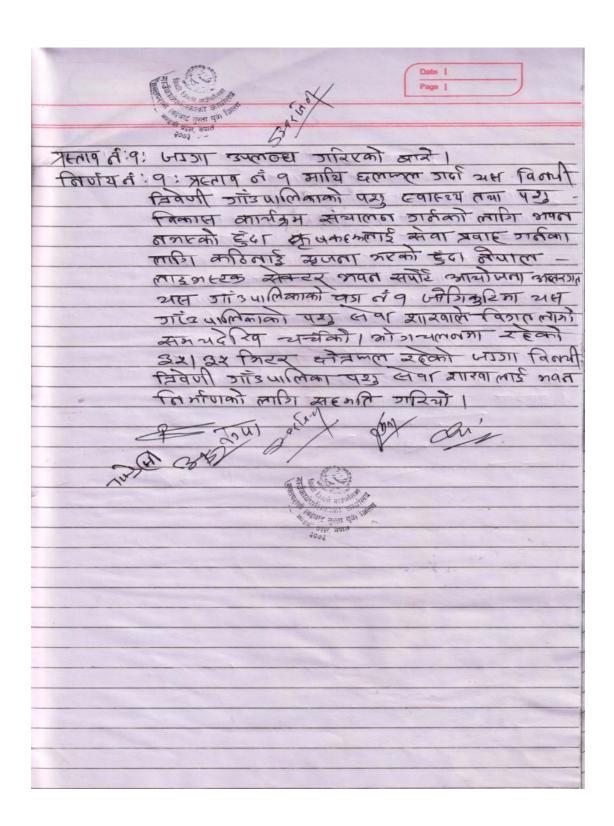




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### **Annex II: Land Ownership**







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# गाउँ कार्यपालिकाको कार्यालय

दुम्किवास, जुबलपरासी (बर्दघाट-सुस्तापूर्व) गण्डकी प्रदेश, नेपाल

मिति:२०७७/०६/१६

श्री नेपाल लाईभस्टक सेक्टर ईनोमभेसन आयोजना व्यवस्थापन कार्यालय, हरिहर भवन ललितपुर ।

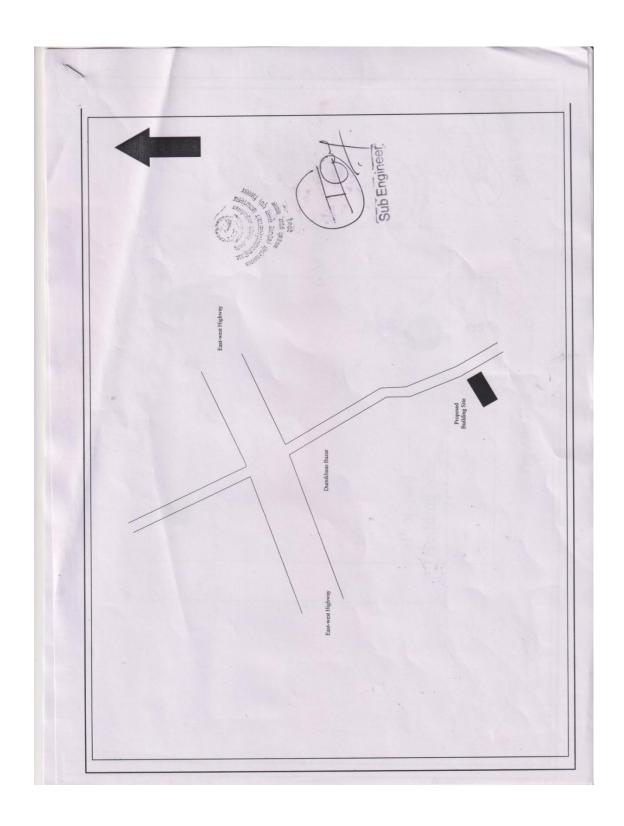
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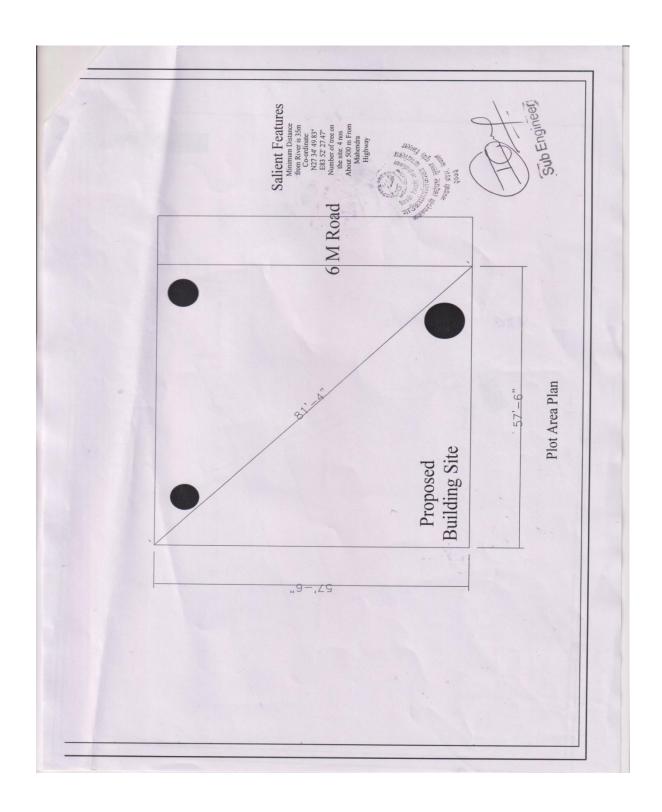
प्रस्तुत विषयमा यस विनयी त्रिवेणी गाउँपालिका, नवलपरासी (बर्दघाट सुस्ता पूर्व) अन्तर्गतको पशु स्वास्थ्य तथा पशु निकास प्रबर्धन कार्यालय संचालन गर्नको लागि भवन नभएको हुदाँ कृषकहरुलाई सेवा प्रवाहमा किठनाई सृजना भएकोले नेपाल लाईभस्टक सेक्टर भवन सपोट आयोजना अन्तर्गत यस गाउँपालिको वडा नं.१ जोगिकुटीमा यसै गाउँपालिकाको पशुसेवा शाखाले विगत लामो समयदेखि भोगचलन गर्दै आएको ३४।३४ मिटर क्षेत्रफल भएको उक्त जग्गामा नै भवन निर्माण गर्न सम्बन्धित सरोकारवालाहरूको मिति २०७७।०६।०४ गतेको बैठकबाट सर्वसहमितमा निर्णय भएको हुनाले तहाँ कार्यालयबाट भवन निर्माण गर्नका लागि आवश्यक रकम विनियोजन गरिदिनुहुन सिफारिस साथ अनुरोध गरिन्छ ।

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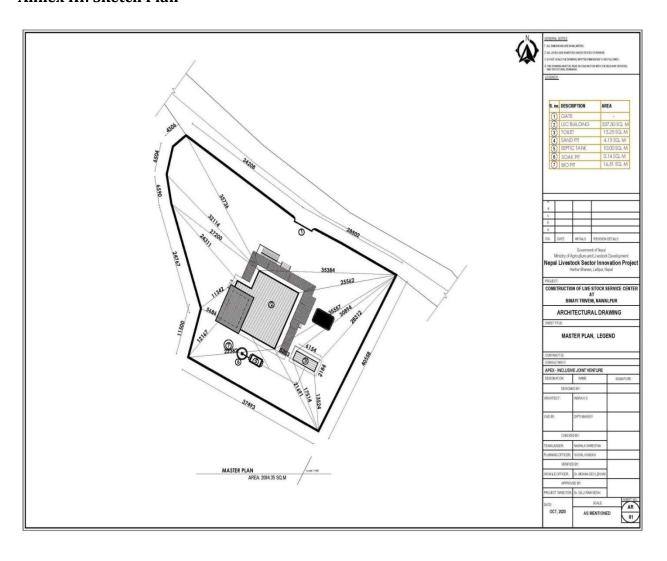
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• E-mail: ito.binayitrivenimun@gmail.com





### Annex III: Sketch Plan



### **Annex IV: Photographs**



Proposed site for Construction of LSC Binayi Trineni, Nawalparasi (Bardaghat Susta East)



Meeting at RM Office

### **Annex VI: Consent Letter from Chure Conservation Area**

