



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

Environmental and Social Screening Report
Construction of Goat Shed
Goat Genetic Resource Center, Budhitola, Kailali

March 2021

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1. Introduction

The proposed activity involves construction of an additional goat shed within the premises of Goat Genetic Resource Center, Kailali. Goat Genetic Resource Center was established in 2040BS, a government owned entity spread over an area of 11 ha. It is located in ward number 4, Godawari Municipality, Kailali. There are total six goat sheds having 481 numbers of goats within a Goat Genetic Resource Center as well as fodder plantation area, office building and staff quarter. Goat Genetic Resource Center provides training related to goat farming, free distribution of grass seed to the farmers as well as buck distribution.

The proposed goat shed is open yard and mainly constructed for a browsing purpose. The proposed goat shed has the dimension of 12.3m X 6.3m and covers an area of 77.49 m². Since one of the main PDO of the project is to increase production and productivity of goat meat. Also, the objective of Goat Genetic Resource Center is enhancing production and productivity of goats by upgrading local breeds of goat with that of exotic breeds. Therefore, the farm acts as a resource station for the nearby farmers through the outreach research among the stakeholders farmers.

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 identify the key environmental and social issues
- To make project stakeholders aware about the environmental and social impacts in advance and
- To assist in decision making process

3. Methodology

The environmental and social screening report has been prepared after desk study, study of sub-project related documents, filing up of different information provided in the environmental and social screening checklist as per Project's ESMF and consultation with locals, NLSIP consultants and authority.

A walk over survey was conducted on 22nd February 2021 for carrying out environmental and social screening of the proposed sub-project. Features at the location were documented,

measured and recorded. The completed environment and social screening checklist is attached (Annex I).

A stakeholder consultation was held under the chairmanship of Farm Manager Dr. Gopal Giri (Annex II) and mainly centered on different issues such as land availability for the sub-project, land ownership paper (Annex IV & Annex V), trace map, potential adverse and beneficial impact to the local communities, impacts on indigenous/ethnic/marginalized people, single women & vulnerable communities, impact on existing infrastructures/public utilities, impact on environment and grievances. These different issues were the agendas that were discussed during consultation (Annex II).

The consultation meeting concludes that there is no dispute on land availability as the land belongs to Goat Genetic Resource Center, Government of Nepal. There is absence of vulnerable communities hence there is no direct and adverse impact on local communities, indigenous/ethnic/marginalized people, single women & vulnerable communities from the new construction of goat shed. Also, the area is free from encroachers/squatters. Moreover, there is no adverse impact on existing infrastructures/public utilities and environment as the construction is within the premises of Goat Genetic Resource Center. There are no any grievances received from the local communities of the proposed sub-project site as of now. However, any grievances that occur in the future will be fully recorded and resolved as per the Project's GRM. A copy of deed of inquiry consisting consultation topic with its decision is attached (Annex II).

4. Existing Environment

The proposed goat shed is within the premises of Goat Genetic Resource Center, Kailali lies in Chure area with the latitude and longitude as 28⁰55'58.2"N and 80⁰35'25.2"E within a sub-tropical climatic zone. Goat Genetic Resource Center covers an area of 11 ha. The total land available for the proposed work is 103.5 m² (0.01035 ha) where the proposed goat shed covers an area of 77.49 m².

The human settlements are about 500m from the sub-project area. The nearest market from the proposed site is Attariya at a distance of about 20km. Here, the total household number of ward 4 is 2049. The proportion of Adivasi/Janajati is 10% whereas Dalit and Others accounts 45%.

There is no forest area adjacent to the sub-project vicinity and any water bodies as well. There is a fodder plantation area within the premises of Goat Genetic Resource Center where varieties of grasses like napier, guenic, para, molasses and stylo were planted. There is no flooding and water logging possibilities in the proposed area. Natural drainage avails to manage the rain water and overland surface flow. The proposed site does not lie on a sloppy

land which prevents any chances of land instability. A retaining wall is required at the upper side of the proposed site for the protection.

The area is well facilitated with road, electricity and water supply. Currently, the biodegradable waste is composted and is being used as manure. Also, the effluent especially urine has been used a manure. There is no need of any additional facilities for waste and effluent management.

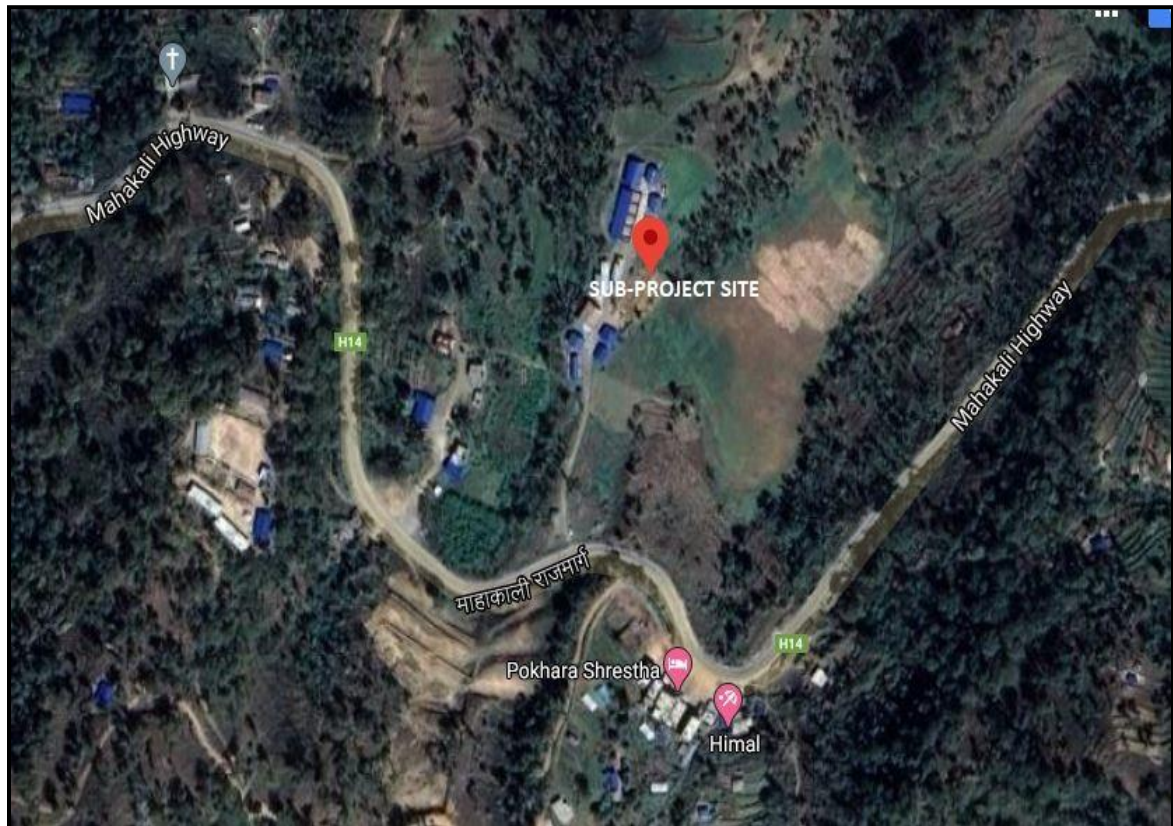


Figure 1: Google Map of Sub-project Site

5. Findings

1. The proposed site does not fall within any kind of protected area system, historical and cultural sites, any critical aquatic, terrestrial habitats area and high risk zone.
2. The land belongs to Goat Genetic Resource Center, Government of Nepal and does not have any land dispute.
3. The total land available for the proposed sub-project is 103.5 m² (0.01035 ha) where the proposed goat shed covers an area of 77.49 m². The available land is enough for the required facilities of the goat shed so no any land acquisition is required.

4. The proposed sub-project does not impact to indigenous communities, women, marginalized and vulnerable groups. The settlements are about 500m from the Goat Genetic Resource Center.
5. The proposed sub-project does not displace anybody.
6. The area is facilitated with basic facilities like road (Dhangadhi-Dadeldhura Highway), electricity and water supply.
7. 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. The construction is carried within the premises of Goat Genetic Resource Center where the proposed construction involves small civil work i.e. construction of goat shed. The environmental and social impact associated with this small civil work (construction of goat shed) could be readily managed with good practices during implementation.

Thus, ECOP 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: 22nd February 2021(2077/11/10)

1.	Name of the Sub-project	Construction of Goat Shed	
2.	Sub-project Location	Godawari Municipality, Ward no. 4, Kailali District, Province 7	
3.	Coordinate	28 ^o 55'58.2"N and 80 ^o 35'25.2"E	
4.	Access to the Sub-project Area	The site is accessed by local bus, jeep and motorbike.	
5.	Benefitted Settlements (Name)	Nachhantali, Riuriu, Bogadigoda of ward number 4	
6.	Nearby markets (name with distance and direction)	Attariya is about 20 km from the site.	
7.	Land users / Ownership	Goat Genetic Resource Center, Government of Nepal. The available land is 103.5 m ² (0.01035 ha) where the proposed goat shed covers an area of 77.49 m ² .	
S.N.	Questions	Response (Yes/No)	Remarks
1.	Is the proposed goat shed lie within Protected Areas (PA)?	No	
2.	Does the proposed goat shed intend to use or depend on any resources of national parks and protected areas or any critical aquatic and terrestrial habitat area?	No	
3.	Mention the name and distance of nearest PA	No	
4.	Are there any Forests nearby the location? If any, Mention the distance, name and direction.	No	
5.	Will the proposed goat shed endanger indigenous plant / animal species of ecological significance? If yes mention them.	No	
6.	Is the proposed goat shed falls in any high risk zone (Landslides / Erosion Prone/Frazil areas/steep	No	A retaining wall is required at the upper side of the proposed

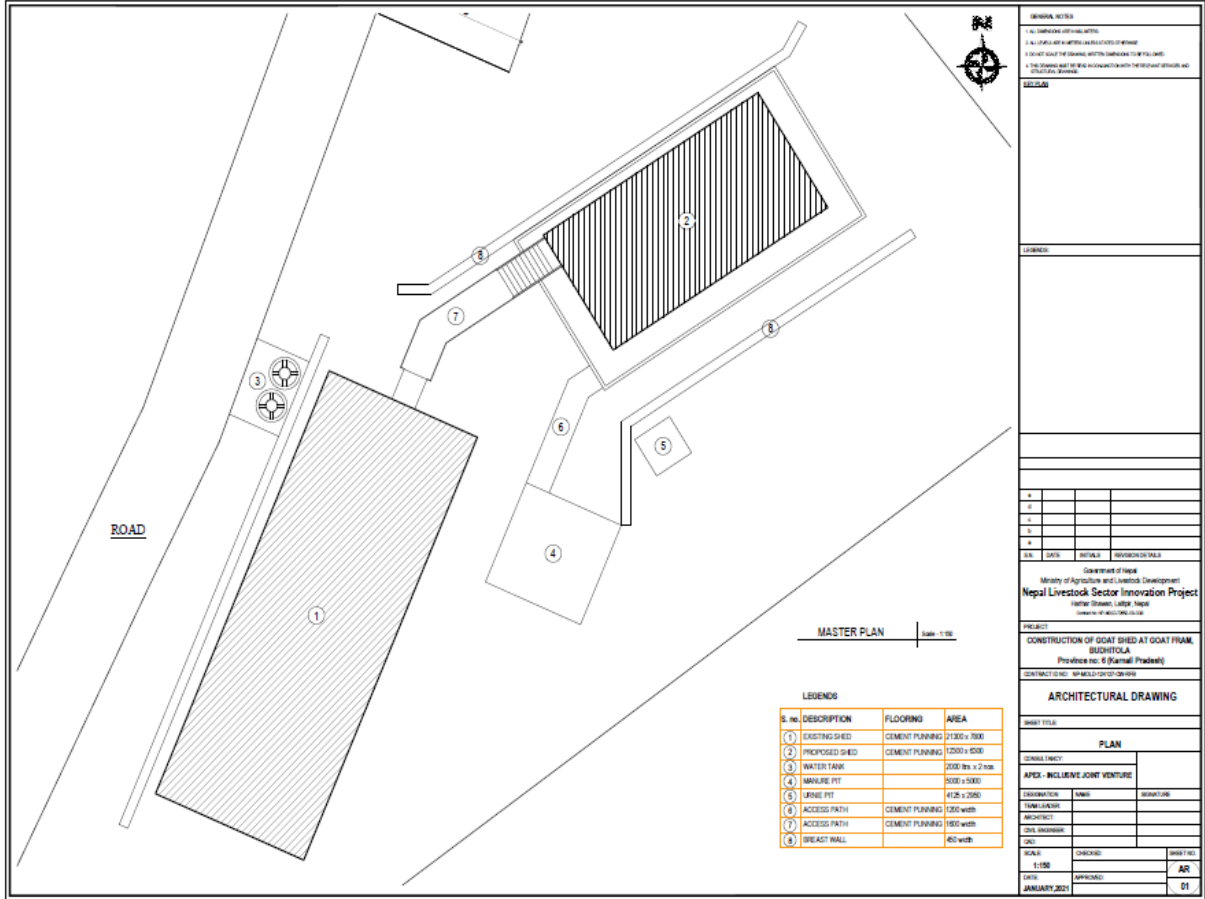
	slope/highly degraded land/flooding/Water logging/river cutting)?		site for the protection.
7.	Will the proposed goat shed involve land clearance on very steep slopes?	No	
8.	a. Mention the name and distance of nearest Water Sources/ Water bodies (pond, lakes, streams, rivers, springs etc.)?	No	
	b. Will the proposed goat shed intend to use or depend on them for the implementation?	No	
9.	a. Are there any Historical /Religious/Cultural/ Archeological Sites (such as temple, mosque, church, palaces/ grave yard etc.) within 500m from the Location?	No	
	b. Do the construction/operation of goat shed impact on them?	No	
10.	Is there any source of Air, Water, Soil and Noise pollution in and around the area?	No	
11.	Is the proposed goat shed accessed by road facility?	Yes	The site is on the way to Dhangadhi-Dadeldhura Highway.
12.	Is the proposed goat shed location facilitated with electricity supply?	Yes	There is a national grid line for electricity supply.
13.	What is the availability of water source/supply in the proposed area at present?	Yes	There is a pipeline water supply.
14.	Is there any municipal drainage system, natural drainage or road side drain at the location? If yes how far?	Yes	There is a natural drainage at the distance of 120m.
15.	At present, does the proposed area have solid waste management facilities?	Yes	There is an existing manure and urine collection pit.
16.	Does the waste water treatment facilities available in the proposed area at present?	Yes	The urine and the waste water are collected in an existing urine collection pit.
17.	Is the available land enough for the implementation of goat shed? If Yes, how? Specify	Yes	The total available land is 103.5 m ² (0.01035 ha) and enough for the required facilities of the proposed sub-project.
18.	Are there any Community Infrastructure (Irrigation canal, water supply pipeline, foot trails, trails bridges, electricity poles, telephone poles, Chautara etc.) to be rehabilitated/relocated in the location?	No	
19.	Are there any Open Public Spaces/property within the goat shed area that might be affected/encroached during construction and operation?	No	
20.	Does the proposed goat shed require land acquisition?	No	

21.	Does the land acquisition cause displacement of households?	No	
22.	Does the implementation of proposed goat shed lose livelihood of any families?	No	
23.	Do indigenous people (Adivasi/Janajati) reside in the proposed goat shed area/location?	Yes	The sub-project area has the Magar communities. The communities are about 500m from the site. Though Adivasi/Janajati resides in the proposed location having proportion of 10%, Dalit and Others accounts 45%.
24.	Will the proposed goat shed involve activities that are likely to make irreversible adverse impact on indigenous communities, women and vulnerable groups?	No	
25.	Will the proposed goat shed benefit Indigenous People (Adivasi/Janajati) living in the surrounding of the proposed area?	Yes	The benefits will be the local employment opportunities, trainings related to goat farming as well as buck distribution.
26.	Is the sub-project area free from encroachers/squatters?	Yes	The area is free from encroachers/squatters. The proposed construction is within the premises of Goat Genetic Resource Center.

Name of Surveyors

- Tshering Dolma Lama (ES)
- Basudev Baskota (SS)
- Er. Raman Maharjan

Annex II: Site Plan



Annex III: Consultation Minute

आज मिति २०७७ साल फाल्गुण महिना १२ गते शनि रोज ४ का दिन प्रदेश नंबर ७ अन्तर्गत कैलाली जिल्ला, गोदावरी नगर पालिका, वडा नंबर ४, वुडीतोलामा नेपाल लाइभस्टक सेक्टर सपोर्ट आयोजना अन्तर्गत निर्माण हुन लागेको Goat Yard Shed Construction उप आयोजना सम्बन्धमा बाख्रा अनुवांशिक श्रोत केन्द्र, वुडीतोलाका प्रमुख डा श्री गोपाल गिरीज्युको अध्यक्षतामा निम्न सरोकारवालाहरु, व्यक्तिहरु र आयोजनाका पदाधिकारीहरु बीच भिटिग बसी निम्न अनुसारको निर्णय भयो ।

उपस्थिति

क्र. स.	उपस्थित व्यक्तिको नाम, थर	पद	ठेगाना	हस्ताक्षर	कैफियत
१	डा. श्री गोपाल गिरी	फार्म प्रबन्धक	बाख्रा अनुवांशिक श्रोत केन्द्र		
२	श्री महेन्द्रराज पाण्डेय	प.वि.अ.	"		
३	श्री हरिवत्त जोशी	प.से.प्रा.	"		
४	श्री काली प्रसाद जोशी	"	"		
५	श्री सुनीता के.सी.	ना.प.से.प्रा.	"		
६	श्री शेर बहादुर घर्तिमगर	वडा सदस्य	गो.न.पा.		9848496535
७	श्री हरी प्रसाद खनाल	भ.पु.प्रधानपञ्च	वुडीतोला		9848511098
८	श्री लक्ष्मण कटायत	प.अ.	लक्ष्मी ना.वि.		9848627721
९	श्री अभूत श्रेष्ठ	होटल व्यवसायी	पोखरा होटल, वुडीतोला		9848616100
१०	श्री चक्र बहादुर खनाल	कामदार	बाख्रा अ.श्रो.के.		9848514646
११	खड्क बहादुर रावल	सवारी चालक	बाख्रा अ.श्रो.के.		9844933809
१२	गौरी ओली	कृषक	वुडीतोला		
१३	सञ्जु खत्री	कृषक	वुडीतोला		
१४	इन्द्र बहादुर खनाल	अध्यक्ष	सा.व.उ.स.		9868411517
१५	कृष्ण बहादुर खनाल	समाजसेवी	वुडीतोला		9848624266
१६	दम्मा नेपाली	कृषक	वुडीतोला		
१७	शेर बहादुर खनाल	कृषक	वुडीतोला		
१८	कुल बहादुर खत्री	कृषक	वुडीतोला		
१९	होम बहादुर मगर	कृषक	वुडीतोला		
२०	दान बहादुर थापा	कृषक	वुडीतोला		
२१	इन्दिरा ओली	कृषक	वुडीतोला		
२२	लक्ष्मी खनाल	कृषक	वुडीतोला		
२३	खगीमरा खनाल	कृषक	वुडीतोला		

मिटिंगका एजेण्डाहरु

१. प्रस्तावित उप- आयोजना (Goat Yard Construction) को लागि जग्गाको उपलब्धताक (लाल पुर्जा, ट्रेस नक्सा, जग्गादाताको सहमति पत्र इत्यादि)
२. प्रस्तावित उप- आयोजनाको निर्माणकार्यबाट जनसमुदायमा पर्न सक्ने असरहरु र त्यसको निराकरणका उपायहरु
३. जोखिममा परेको समुदाय, आदिवासी जनजाती, पिछडिएका समूह, एकल महिला आदिलाई पर्न सक्ने असरहरु
४. त्यस क्षेत्रमा रहेका मौजुदा संरचनाहरु (भवन, सिँचाई कुलो, खानेपानी, मठमन्दिर गुम्बा, मस्जिद इत्यादि) मा पर्न सक्ने असरहरु
५. प्रस्तावित उप- आयोजनाको निर्माणकार्यबाट जनसमुदायमा पर्न सक्ने सामाजिक तथा वातावरण सम्बन्धि असरहरु र त्यसको निराकरणका उपायहरु
६. यस प्रस्तावित निर्माणकार्य प्रति जनसमुदाय बाट कुनै गुनासाहरु भएमा उल्लेख गर्नु पर्नेछ ।
७. विविध

निर्णयहरु

१. प्रस्ताव नं. १ मा छलफल गर्दा निर्माण हुने बाख्राको यार्ड केन्द्रको आफ्नै स्वामित्वको जग्गामा निर्माण हुने भएकोले लालपुर्जा, ट्रेस नक्सा तथा जग्गा दाताको सहमति पत्र आदि सम्बन्धमा यस केन्द्रले लिने निर्णयमा नै सहमति गर्ने निर्णय गरियो ।

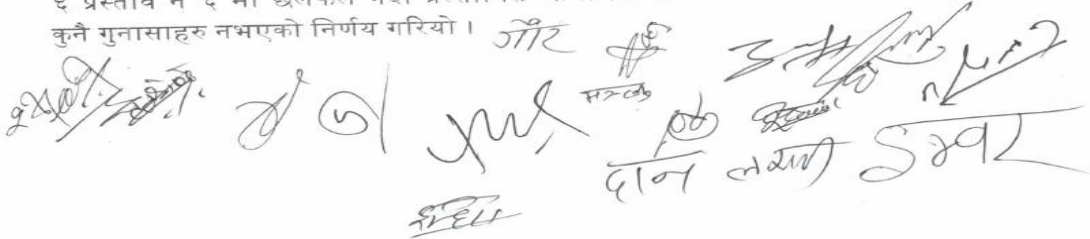
२ प्रस्ताव नं २ मा छलफल गर्दा आयोजनाको निर्माणबाट जनसमुदायमा कुनै असर नपर्ने निर्णय गरियो ।

३ प्रस्ताव नं ३ मा छलफल गर्दा यस क्षेत्रमा कुनै पनि जोखिममा परेको समुदाय नभएको र आयोजनाको निर्माणबाट आदिवासी. जनजाती, पिछडीएको समूह, एकल महिला आदिलाई कुनै असर नपर्ने निर्णय गरीयो ।

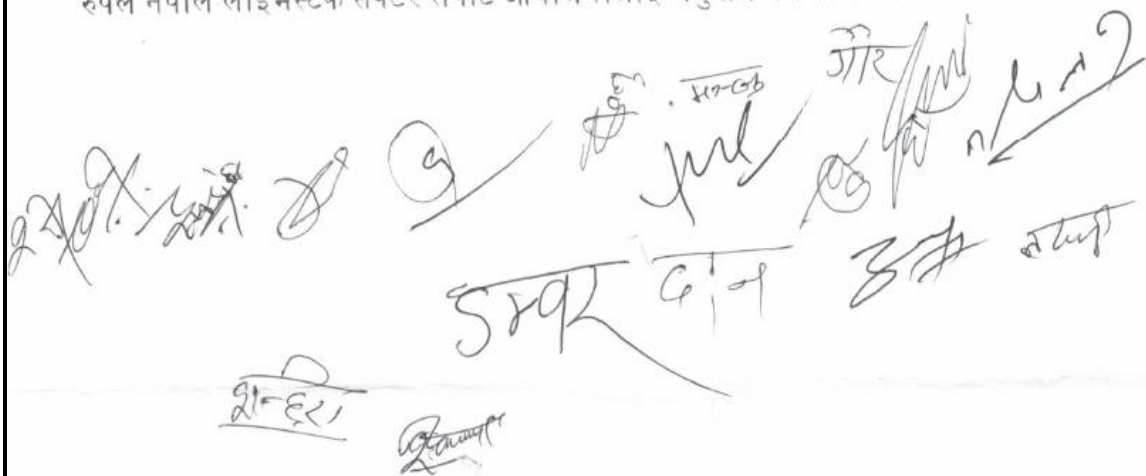
४ प्रस्ताव नं ४ मा छलफल गर्दा आयोजना निर्माण केन्द्रको आफ्नै स्वामित्वको जग्गा भित्र हुने भएकोले सो को निर्माण कार्यबाट मौजुदा संरचनाहरु (भवन, सिँचाई कुलो, खानेपानी, मठमन्दिर गुम्बा, मस्जिद इत्यादि) मा केही असर नपर्ने निर्णय गरियो ।

५ प्रस्ताव नं ५ मा छलफल गर्दा आयोजनाको निर्माण कार्यबाट जनसमुदायमा कुनै पनि सामाजिक तथा वातावरण सम्बन्धि असरहरु नपर्ने निर्णय गरियो ।


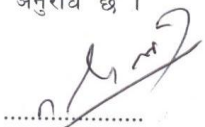
६ प्रस्ताव नं ६ मा छलफल गर्दा प्रस्तावित आयोजनाको निर्माणकार्य प्रति जनसमुदायको कुनै गुनासाहरु नभएको निर्णय गरियो ।



७ प्रस्ताव नं ७ मा छलफल गर्दा नेपाल सरकार, कृषि तथा पशुपन्छी विकास मन्त्रालय, पशु सेवा विभाग अन्तर्गत कैलाली जिल्लाको गोदावरी नगर पालीका वार्ड नं ४, बुढीतोलामा वि.सं. २०४० सालमा स्थापित यस केन्द्रले सुदूर पश्चिम प्रदेश लगायत देशका विभिन्न जिल्लाका वाख्रा पालक कृषकहरूलाई वाख्रा पालन सम्बन्धि आधुनिक प्रविधि तथा ज्ञानको विस्तार, उपयुक्त जातका बोका तथा पाठापाठीहरूको वितरण, वाख्रामा प्रयोग हुने उन्नत घांस तथा डालघांसका विरुवा वितरण गरी सेवा प्रवाह गर्दै आईरहेको र यस केन्द्रको स्थापनाबाट स्थानिय वासिन्दाहरूलाई प्रत्यक्ष तथा अप्रत्यक्ष किसिमले रोजगार सिर्जना गरेको तथा यस स्थानकै पहिचानमा टेवा पुगेको कारण यस केन्द्रको हाता भित्र वाख्राहरूका लागि अति आवश्यक पर्ने वाख्राको यार्ड निमाणले ब्यवस्थित वाख्रापालन ब्यवसायको अभिवृद्धिमा अझ टेवा पुग्ने देखिएकोले सो को निर्माण कार्य अविलम्ब शुरु गर्न सर्वसम्मत रूपले नेपाल लाईभस्टक सेक्टर सपोर्ट आयोजनालाई अनुरोध गर्ने निर्णय गरीयो ।


 The image shows several handwritten signatures and stamps. On the left, there is a signature that appears to be 'श.प्र. शर्मा'. In the center, there is a large signature that looks like 'श.प्र. शर्मा' and a stamp that says 'श.प्र. शर्मा'. On the right, there is a signature that looks like 'श.प्र. शर्मा' and a stamp that says 'श.प्र. शर्मा'. At the bottom, there is a signature that looks like 'श.प्र. शर्मा' and a stamp that says 'श.प्र. शर्मा'.

Annex IV: Land Assurance Letter

	नेपालसरकार कृषि तथा पशुपन्छी विकास मन्त्रालय पशु विकास विभाग राष्ट्रिय पशुपन्छी श्रोत, हस्तकृषि तथा प्रवर्द्धन कार्यालय वाखा आनुवंशिक श्रोत केन्द्र गोदावरी - ४, बुढीतोला, कैलाली	फोन नं. ०९१-६२९३४२ Email: gdfbuditola@gmail.com
	पत्र संख्या २०७७/७८ च.नं. १६३	मिति: २०७७/१२/०९
विषय: वाखाको खोर/यार्ड निर्माण सम्बन्धमा ।		
श्री नेपाल लाईभस्टक सेक्टर ईनोभेसन आयोजना, हरीहरभवन, ललितपुर ।		
यस केन्द्रको स्वामित्वको १४.१५ हेक्टर जमिन मध्ये ११ हेक्टर लालपुर्जा भएको र बाँकी ऐलानी (दर्ता नभएको) जमिन भएको ब्यहोरा अनुरोध छ । तहा आयोजनाबाट निर्माण हुन लागेको वाखाको खोर/यार्ड यस केन्द्रको जग्गाधनी दर्ता प्रमाण पुर्जा भएको जमिनमा निर्माण हुन लागेकोले जमिनको विषयलाई लिएर कुनै विवाद तथा समस्या नआउने ब्यहोरा अनुरोध गरिन्छ । यस केन्द्रको उपलब्ध जग्गाधनी दर्ता प्रमाण पुर्जा यसै पत्र साथ संलग्न राखिएको ब्यहोरा समेत अनुरोध छ ।		
 डा. गोपाल गिरी वरिष्ठ पशु विकास अधिकृत		

Annex VI: Photographs (Existing Infrastructures)



Staff Quarter



Office Building



Goat Shed



Fodder Plantation Area



Waste Bin



Manure Pit



Urine Pit



Biological Pit

Annex VII: Photographs (Proposed Site)

