



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

**Environmental and Social Screening Report
Construction of Livestock Service Centre, Chaudandigadhi, Udayapur**

Date: 25th September, 2020

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1. Introduction

NLSIP has proposed to support for the construction of Livestock Service Centre, Chaudangadidhi, Udayapur by constructing a new livestock service centre. The proposed construction work will be done in the land provided by Chaudandigadhi municipality which is owned by Livestock office since 1985 in Beltar bazar.

Chaudandigadhi municipality has provided 4 kattha (1,354 m²) of land for construction of livestock service centre in ward no 7.

2. Objectives

Environmental Screening (ES) of any project is undertaken in order to justify and suggest the level of environmental Assessment to be carried out for the project. This ES is carried out with reference to Schedule 1, 2 and 3 of Environmental Protection Regulation (EPR 2020) and guidance provided by ESMF of NLSIP. The objectives of Environmental Screenings are:

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

3. Methodology

This environmental and social screening checklist is prepared after desk study, study of project related documents, filling of different parameters and matters outlined in environmental and social screening checklist present in ESMF, consultation with key stakeholders and discussion among 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. Informal consultations were held with and among locals and local leaders to identify potential impacts due to sub-project activities. The environment and social screening checklist was attached (Annex I).

4. Existing Environment

The subproject site lies in ward number 7 of Chaudandigadhi Municipality, Beltar bazar and 4 kattha lands is provided by the local government (Chaudandigadhi municipality) which was used by livestock service centre, Beltar since 1985. The available land for the proposed sub-project is 1,354m² where the sub-project components consist of a main building covering an area of 356.86 m². Besides building, there consists of public toilet of size having 13.25m², sand pit of size 4.15 m², septic tank of size 10 m², soak pit having size of 3.14 m² and bio pit of 16.51 m² respectively.

Around the proposed land numbers of governmental offices are located. Ward office of ward no 7, municipality building, Telecom office, Office of primary health post, old livestock service centre and staff quarter of primary health and livestock service centre are located in the same plot. Camp of armed police force is also lies near by the area. A public toilet is

also there in the plot but is out of functioning. Public settlements are nearly 300 m away from the proposed land in the northern and western side.

The area lies in the zone of sub-tropical evergreen forest. It has humid sub-tropical climate. The area is mostly cultivated land with settlements, built up area and forest area. There is community managed forest at a distance of half km from the construction site. The common vegetation found around is The Sal (*Shorea Robusta*), Khaer (*Acacia catechu*), Sissoo (*Dalbergia sissoo*), Silk cotton (*Bombaxmalabaricum*) and Jamun (*Syzygiumcumini*) etc.

According to CBS (2011), the total population of this rural municipality is 48,574 with 22,082 (45.46%) male and 26,492 (54.54) female living in 10,519 individual households. Average household size in this municipality is 4.62. Adivasi/Janajati (Rai, Magar, Tamang, Tharu, Newar etc.) has the highest proportion i.e. 56% followed by others (Brahmin, Chhetri etc.) is 31.2% and Dalit (Kami, Damai, Sarki, Dholi etc.) as 12.8%.

There are no any rivers at a distance of 1 km. There is no flooding and water logging issues in the proposed subproject area. There are no any cultural and religious sites nearby the subproject sites. The implementation of subproject does not require relocation or rehabilitation of community infrastructures or households of indigenous people. An old Pipaltree (*Ficusreligiosa*) is there which can be preserved and can be developed to a chautara (waiting shed) with a little investment. 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.

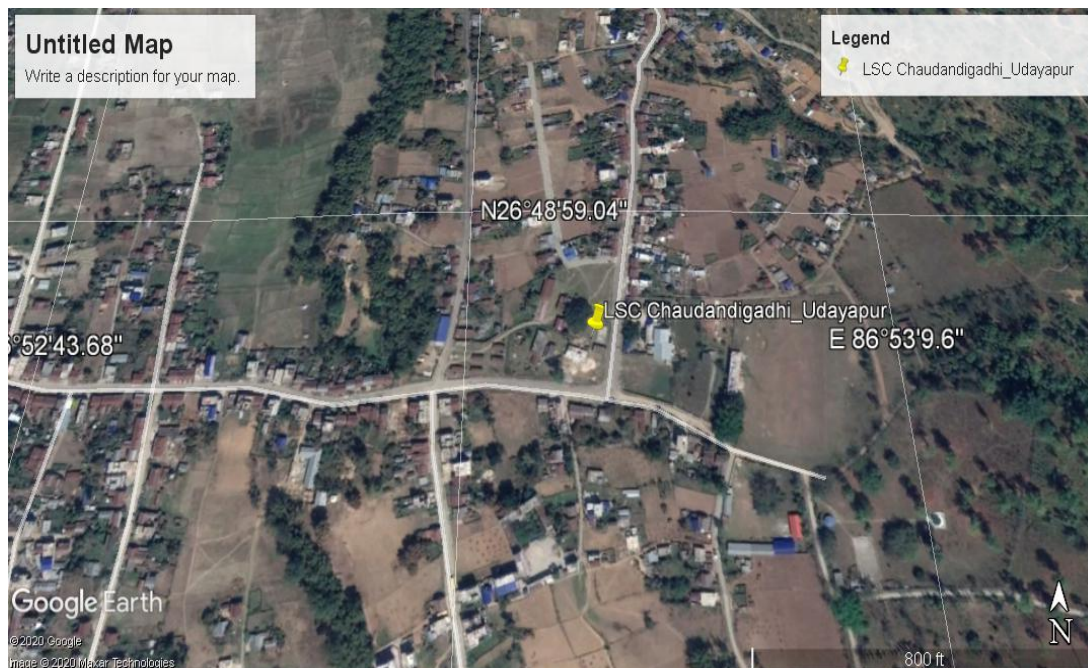


Figure 1: Sub-project location in Google Image

5. Findings of Screening

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 has no registration paper but is under the municipality and is used by livestock service centre, Beltar since 1985 AD and does not have any land dispute and encroachment.
4. The proposed sub-project does not impact to indigenous communities, women and vulnerable groups.
5. The proposed sub-project does not displace anybody.
6. The area is facilitated with basic facilities like access road, water supply, electricity and municipal drain
7. No cases of relocation / rehabilitation of community infrastructure is needed

6. Conclusions and Recommendations

The construction/operation of sub-project has no adverse environmental and social impacts and also does not attract any clauses of environmental acts and rules for further environmental assessment and study. However, some preventive and corrective measures through Site-specific Environmental and Social Management Plan (ESMP) will address minor 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 Environment and Social Screening, the sub-project is found to be environmentally and socially feasible for implementation.

Annex- I: Environmental and Social Screening ChecklistDate: 25th September, 2020**Sub-project Information**

1	Name of the Sub Project	Construction of Livestock Service Centre
2	Location	Beltar settlement, Chaudandigadhi Municipality, ward no. 7, Udayapur district of Province No. 1
3	Co-ordinate (GPS)	26048'55.31" N and 86053'0.42" 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	As the proposed LSC is in ward no 7 of Chaudandigadhi municipality, only ward no. 5, 9 and 10 are in 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	Community forest is more than 1.5 km far from the proposed site in north and east direction
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	

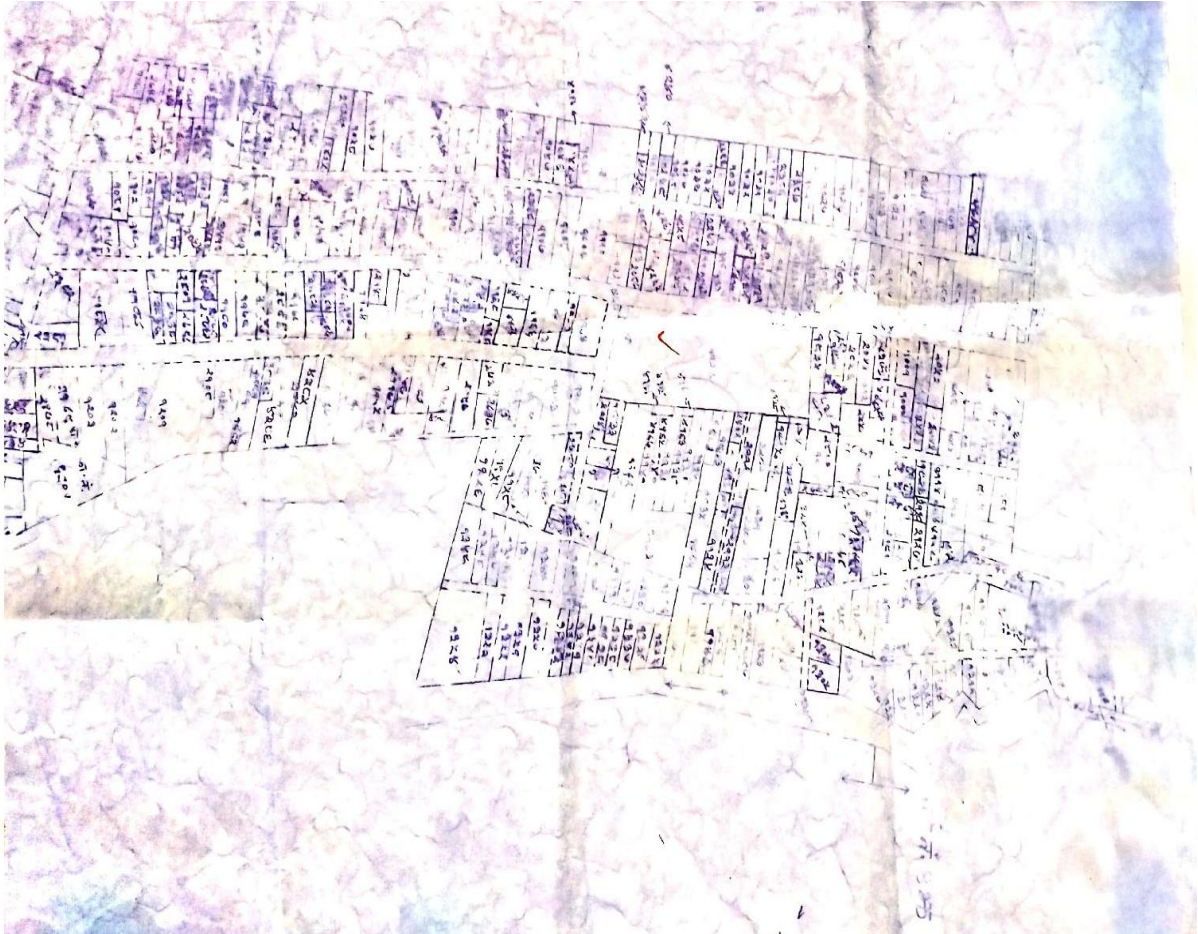
5	Will the proposed sub-project be implemented in areas located in high risk zone such as landslide prone area, steep slopes, highly degraded land in hills, riverine area susceptible to annually flooding, or in areas causing large-scale soil erosion?	No	
6	Will the proposed sub-project involve land clearance 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	Municipality has provided 4kattha of land for construction of LSC
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	No	

	families losing their farmland and assets on the land?		
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

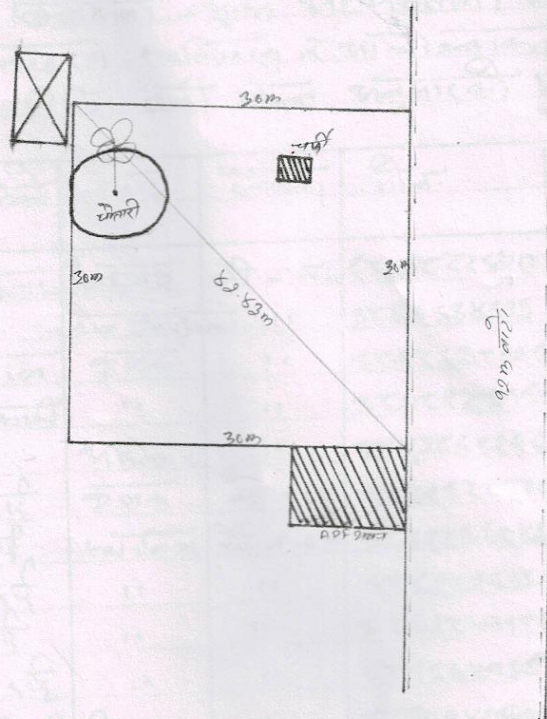
Name of Surveyors

- Bishal Rijal (ESS)
- Er. Raman Maharjan

Annex II: Land ownership Documents and Trace map

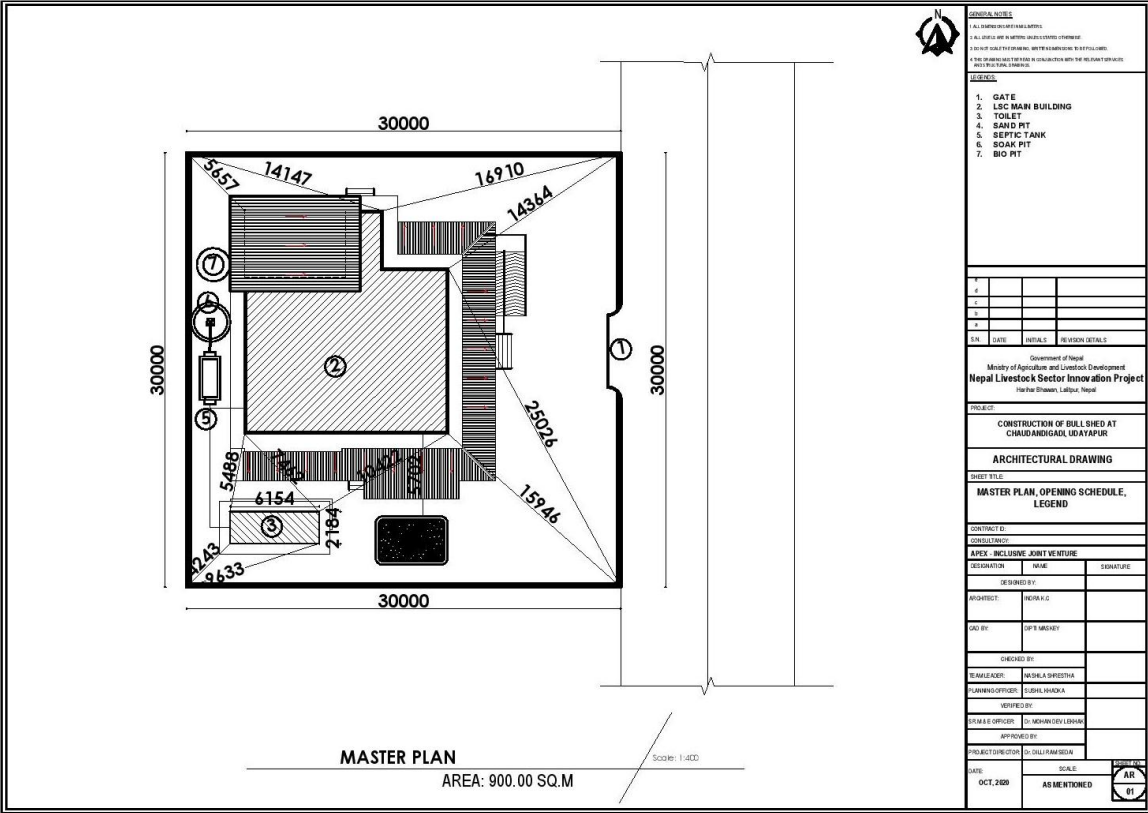


ग्रामपालिका - राममाथा
जिल्ला - उदयपुर
ब.पा. - चौदण्डागढी
कडाता - ७
स्केल - १:२००
०-२-९३



सिद्धि ताम्रजोर्जे खोमिन
प्रथम विद्यार्थी शास्त्रि

Annex III: Plan Sketch



Annex IV: Photographs

